ERIC Document Resume	See Instruction Sheet	DATE OF RESUME 8/13/65	DATE RECEIVED

A. PUBLICATION DATA

1. ERIC NUMBER ED000512	2. ORIGINATOR CONTROL NO(S). 7263	3. IDENTIFICATION NO. N.A.	DO NOT WRITE IN SPACE BELOW

4. AUTHOR(S): Stickler, W. Hugh

5. TITLE OF DOCUMENT ABSTRACTED: Institutional Research Concerning Land-Grant Institution and State Universities

6. PUBLICATION TITLE: N.A.

7. EDITOR(S): N.A.

8. PLACE OF ORIGIN
ORG. Florida State University
ST.
CITY, STATE Tallahassee, Florida
TELE. EXT.
INST/LOC CODE

9. PUBLISHER OR SOURCE: Florida State University

10. VOL.	11. PAGES	12. MO./YR.	13. TOTAL PP.
N.A.	N.A.	59	142

MICROFILM COPY AVAILABLE
YES ☒ NO ☐

COPYRIGHT GRANTED
YES ☐ NO ☒

COPYRIGHT RELEASE FILED
YES ☐ NO ☐

TYPE OF REPORT
PROPOSAL ☐
IN-PROGRESS ☐
FINAL ☒
FOLLOW-UP ☐

OTHER ERIC REFERENCES:

ERIC SATELLITE CODE

B. INDEXING DATA

14. SUBJECT AREA

15. TYPE OF ENDEAVOR: Survey

16. INDEXING TERMS (6-12)

	public schools			
research				
surveys				

17. ABSTRACT (MAX. 250 WORDS)

The purpose of this study is "(1) to investigate the extent and character of institutional research in and/or concerning member institutions of the American Association of Land-Grant Colleges and State Universities and the State Universities Association (henceforth referred to as AALGCSU-SUA); and (2) to ascertain the extent of and to appraise present knowledge concerning eight research studies proposed by the Joint Study Committee of AALGCSU-SUA."

ERIC No.

18. SOURCE OF ABSTRACT

C. FUNDING DATA

19. SUPPORTING ORGANIZATION

20. DIVISION OR DEPT.

21. CONTRACT NO.

PROJECT NO.

22. TOTAL COST OF PROJECT

23. DURATION OR PROJECT

U.S. Department of Health, Education, and Welfare
Office of Education

ERIC Form 1

Clearinghouse files

IV-1

INSTITUTIONAL RESEARCH
CONCERNING
LAND-GRANT INSTITUTIONS
AND
STATE UNIVERSITIES

U. S. DEPARTMENT OF HEALTH, EDUCATION AND WELFARE
Office of Education
This document has been reproduced exactly as received from the person or organization originating it. Points of view or opinions stated do not necessarily represent official Office of Education position or policy.

by

W. HUGH STICKLER

Florida State University

ED000512

INSTITUTIONAL RESEARCH
CONCERNING
LAND-GRANT INSTITUTIONS
AND
STATE UNIVERSITIES

A Report Prepared for the
Joint Office of Institutional Research
of the
American Association of Land-Grant Colleges
and State Universities and the
State Universities Association

Conducted Under a Grant
from the
Fund for the Advancement of Education

by

W. Hugh Stickler
Office of Institutional Research and Service
Florida State University
September, 1959

LETTER OF TRANSMITTAL

Florida State University
Tallahassee, Florida
September 15, 1959

Mr. Allan W. Ostar, Director
Joint Office of Institutional Research
American Association of Land-Grant Colleges
  and State Universities and the
  State Universities Association
1785 Massachusetts Avenue, N. W.
Washington 6, D. C.

Dear Mr. Ostar:

I submit to you herewith a report entitled *Institutional Research Concerning Land-Grant Institutions and State Universities*.

I remind you that this study has been made in a very short time. Work was started on June 15, 1959; this report is being submitted on September 15, 1959. Some parts of the study have not been developed as fully as I should like. I trust, however, that the essential points have been covered--even if hurriedly.

It has been a pleasure to work on this project. I am grateful for the opportunity you have given me to explore the extent and nature of institutional research concerning the land-grant institutions and state universities of the nation.

Respectfully submitted,

W. Hugh Stickler

W. Hugh Stickler, Director
Institutional Research and Service

ACKNOWLEDGEMENTS

Many individuals have contributed in various ways to this research survey project and to the preparation of this report. Mr. Allan W. Ostar, Director of the Joint Office of Institutional Research, and Dr. Charles P. McCurdy, Jr., Executive Secretary of the State Universities Association, helped plan the study and offered assistance at many points during its progress. Dr. John Dale Russell, New York University; Dr. Earl J. McGrath, Columbia University; Dr. A. J. Brumbaugh, Southern Regional Education Board; Dr. Elmer West, ACE Office of Statistical Information and Research; and Drs. E. V. Hollis, Winslow Hatch, Robert Earl Iffert, and Robert W. Bokelman, all of the U. S. Office of Education, offered assistance at times when it was needed. To each of these gentlemen, I wish to extend my sincere thanks.

I wish also to acknowledge with gratitude assistance from the more than one hundred persons who were kind enough to talk with me about this project. I thank also the many individuals who completed and returned questionnaires promptly at a time when I know they must have been exceedingly busy. My goading at times must have tried their patience almost beyond endurance; I am grateful to them for their help and for their forbearance.

Three of my colleagues at the Florida State University--Dr. Myron R. Blee of the Office of the State Board of Control, Associate Dean Eugene Boyce of the School of Education, and Associate Dean M. W. Carothers of the Office of the Dean of the Faculty--were most helpful in teaching my class in higher education while I was off campus traveling in connection with the study. I thank them most sincerely.

Special thanks go to Mrs. Margaret B. Schmidt, Assistant Director of Institutional Research and Service at the Florida State University, for service far beyond the call of duty. Mrs. Schmidt worked on the project full-time for two months. She assisted in the development, circulation, collection, and interpretation of the three sets of questionnaires used in the study. She made extensive bibliographic studies. She did the major work in compiling the appendixes. She assisted at point after point in bringing the report to final form. Her assistance was invaluable.

Finally, I am indebted to my secretaries, Mrs. Wanda Miller and Mrs. Dorothea Schick, for many hours of hard work in correspondence, in the duplication and circulation of study materials, and in the final preparation of the typescript.

W. Hugh Stickler

CONTENTS

LETTER OF TRANSMITTAL ii

ACKNOWLEDGEMENTS iii

PURPOSE OF THE STUDY 1

DEFINITION OF TERM 1

METHOD OF STUDY 2

FINDINGS 6

SUMMARY AND CONCLUSIONS 19

APPENDIXES 22

A. Selected Publications Based on Research Concerning Land-Grant Institutions and/or State Universities (January, 1954 - July, 1959) 24

B. Questionnaire on Institutional Research (Form) 41

C. Summary Information Concerning Specific Institutional Research Study (Form) 46

D. Representative Institutional Research Studies Made in Land-Grant Institutions and State Universities (January, 1958 - July, 1959) 47

E. Representative Institutional Research Studies Made by Graduate Students in Land-Grant Institutions and State Universities (January, 1958 - July, 1959) . . 123

F. Representative Research Studies Made by (or for) State-Wide Boards of Higher Education (January, 1958 - July, 1959) 135

G. Institutions and Educational Agencies Visited During Progress of Study 141

H. Representatives from Following Institutions and Educational Agencies Consulted at Summer Institute on Institutional Research 142

INSTITUTIONAL RESEARCH CONCERNING LAND-GRANT INSTITUTIONS AND STATE UNIVERSITIES

PURPOSE OF THE STUDY

The purpose of this study has been two-fold: (1) to investigate the extent and character of institutional research in and/or concerning member institutions of the American Association of Land-Grant Colleges and State Universities and the State Universities Association (henceforth referred to as AALGCSU-SUA), and (2) to ascertain the extent of and to appraise present knowledge concerning eight research studies proposed by the Joint Study Committee of the AALGCSU-SUA.

DEFINITION OF TERM

As used in this study, the term institutional research pertains to research which is directed toward providing data useful or necessary in the making of intelligent administrative decisions and/or for the successful maintenance, operation, and/or improvement of a given college or university. It includes the collection and analysis of data for self-study purposes which may be used in preparing the budget, in assigning space in buildings, in planning and/or operating the educational program, in determining teacher load, in admitting students, in individualizing instruction, in planning new buildings, and the like.

Institutional research as here used also includes studies which pertain to a group (or to groups) of institutions of which a given college or university is one member. Included are research projects which are statewide, regional, or national in scope but each of which, in this study, includes one or more land-grant institutions and/or state universities.

METHOD OF STUDY

The study here reported was pursued in three phases, all of which ran concurrently: (1) bibliographic studies, (2) questionnaire studies, and (3) travel and interviews on the part of the writer.

Bibliographic Studies. The literature pertaining to institutional research concerning land-grant institutions and state universities was reviewed for the five-and-one-half year period January, 1954 through July, 1959. The findings of this review are recorded in Appendix A of this report.

In order to be included in Appendix A, an item had to meet a number of criteria. It had (a) to appear in published form, (b) to be published within the time span noted above, (c) to be based on research, and (d) to be produced by one or more individuals in a member institution of the AALGCSU-SUA or an allied agency and/or be concerned with and/or include one or more member institutions of the AALGCSU-SUA.

No claim is made that the list of publications which appears in Appendix A is exhaustive. It is believed, however, that the list is representative of publications based on research and concerned with operational problems of the member institutions of the AALGCSU-SUA during the period indicated.

Questionnaire Studies. Three different but related questionnaire studies were completed.

The first and most important of the questionnaire studies was concerned with the member institutions of the AALGCSU-SUA. Early in the project each president was asked to designate an individual to represent his institution in the study. The response was unusually good. In the few cases where a representative was not designated, further correspondence was again directed to the president.

A draft of a questionnaire instrument was developed, criticized by more than half-a-dozen persons skilled in questionnaire development, and repeatedly revised. The final questionnaire as used in the study appears in Appendix B.

Sent along with the questionnaire were a number of copies of a reporting form (shown in Appendix C) which requested "Summary Information Concerning a Specific Institutional Research Study." The respondent was asked to complete one of the forms for each institutional research study completed in his institution during the period January 1, 1958 through July 1, 1959. This particular phase of the study therefore constitutes a sort of representative eighteen-month "spot check" regarding the extent and character of institutional research recently performed in land-grant institutions and state universities.

A copy of the questionnaire (Appendix B) and several copies of the reporting form for specific institutional research studies (Appendix C) were mailed on July 9, 1959 to each of the 93 member institutions of the AALGCSU-SUA. Follow-up letters, telegrams, and telephone calls finally resulted in responses from all 93 institutions--a 100.0 per cent return. In every instance the basic information on the questionnaire was forthcoming and in the great majority of cases one or more--usually six to eight--reporting forms for specific studies were also returned completed.

Information revealed by the questionnaires (Appendix B) will presently be discussed in the findings of this study. Studies uncovered by means of the reporting forms for specific institutional research projects are tabulated in Appendix D.

The second questionnaire study was concerned with the production of institutional research studies on the part of graduate students in schools and colleges of Education in land-grant institutions and state universities. A covering letter, reporting forms modified from that which appears in Appendix C (and similar enough that it need not be reproduced in this report), and other miscellaneous materials were sent to the respective deans of schools or colleges of Education (sometimes to the dean of the graduate school) in each of 79 selected member institutions of the AALGCSU-SUA known to offer graduate work at least at the master's level. Replies were eventually received from 74 of the 79 institutions--in this case a 93.7 per cent response.

The responses to this second questionnaire did not prove to be very fruitful. It was not felt in the beginning that this particular undertaking was likely to prove highly profitable; it was felt, however, that this approach should be explored. In many cases the respective deans simply indicated by letter that their graduate students had not produced any institutional research studies during the period indicated (again January, 1958 - July, 1959). A minority--yet a substantial number--of deans, however, returned forms describing institutional research studies completed in their institutions at both the master's and doctoral levels. These representative institutional research studies made by graduate students in land-grant institutions and state universities are listed in Appendix E.

The third questionnaire--again so similar to previously described documents that it need not be reproduced in this report--went to the chief executive officers of state-wide boards of higher education in the 15 states which have such boards of control for their public institutions. Replies were received from all 15 executive officers--again a 100.0 per cent return.

In this third questionnaire study, the responses were spotty. Some chief executive officers indicated that their staffs were so small and their time so full that they had no time to accomplish work of an institutional research nature, desirable though such work might be. Others returned reporting forms and in some cases actual reports of substantial institutional research character. Representative research studies made by or for state-wide boards of higher education are listed in Appendix F.

So far, two of the three phases of this research survey project have been discussed: (1) bibliographic studies, and (2) questionnaire studies. Attention is now turned to the third phase of the project: travel and interviews on the part of the writer.

Substantial travel was undertaken. During the course of the study 28 institutions of higher education and educational agencies were visited. A list of these institutions and agencies appears in Appendix G.

During the week of July 19-25, 1959, the Western Interstate Commission for Higher Education and Stanford University jointly sponsored on the Stanford campus a Summer Institute on Institutional Research. Approximately 150 people were in attendance, many of them from member institutions of the AAIGCSU-SUA and from regional and other educational agencies. Through the medium of this Institute, the writer was able to talk individually with representatives of 26 institutions and educational agencies (a few of which had been visited earlier or were visited later). These institutions and agencies are listed in Appendix H.

Through visitation and by means of the Stanford Institute, the writer was able to contact in person (a) representatives of 35 (37.6 per cent) of the 93 member institutions of the AALGCSU-SUA; (b) chief executive officers of three state-wide boards of higher education--Florida, New Mexico, Texas; and (c) representatives of the three regional education boards--New England Board of Higher Education, Southern Regional Education Board, and Western Interstate Commission for Higher Education. During the progress of the study, the writer talked directly and individually with more than one hundred people about institutional studies and basic research needed concerning land-grant institutions and state universities.

FINDINGS

By means of the methods outlined in the previous section of this report, a rather large amount of information--some specific, some general--has been compiled. In this section on findings, rather specific information concerning organization, administration, and operation of institutional research programs in member institutions of the AALGCSU-SUA will be set forth. On the other hand, it does not appear appropriate to include in this report the large volume of information of a general nature. However, an effort will be made to convey in perspective an accurate impression of much of this general information.

Specific Information Concerning Organization, Administration, and Operation of Institutional Research Programs

Part of the questionnaire to each of the 93 member institutions of the AALGCSU-SUA was designed to reveal information concerning the organization, administration, and operation of institutional research programs.

Types of Organization. Data concerning types of organization for institutional research among AALGCSU-SUA institutions are summarized in Table I.

TABLE I

ORGANIZATION FOR INSTITUTIONAL RESEARCH
AMONG LAND-GRANT INSTITUTIONS AND STATE UNIVERSITIES

TYPE OF ORGANIZATION	NUMBER	PER CENT
Full-time coordination	18	19.4%
Part-time coordination	21	22.6
Decentralized organization	45	48.4
Little institutional research	9	9.7
TOTAL	93	100.1%

Table I shows immediately that a large number of the institutions here studied--nearly half (48.4 per cent)--carry on their institutional research by means of a decentralized organization. Numerous officers, staff members, and committees participate in the process. In one-fifth (19.4 per cent) of the institutions, the institutional research effort is coordinated on a full-time basis. In another fifth (22.6 per cent) of the institutions, there is an officer or committee, one of whose functions it is to coordinate institutional research on a part-time basis. Only one-tenth (9.7 per cent) of the institutions indicated they do little or no institutional research and therefore have no formal organization for this type of activity.

By means of the Education Directory, 1958-1959, Part 3, the institutions were classified into three groups according to size: large (over 5000), medium-sized (5000-2000), and small (under 2000). Further examination of the data revealed that the large institutions fell heavily into the decentralized type of organization. The medium-sized institutions tended more heavily toward full-time or part-time coordination. The small institutions had a disproportionately large response in the "little research" category.

Responsibility for Institutional Research. Table I shows that 37 (39.8 per cent) of the 93 land-grant institutions and state universities have officers or committees who coordinate institutional research on either a full-time or a part-time basis. Who are these responsible officers or committees? Table II provides the answers.

Although the major responsibility for institutional research may rest upon any of a number of officers or committees, it is apparent--as will be shown later--that institutions are increasingly placing this responsibility with institutional research officers. Of the 37 institutions reporting full-time or part-time coordination, 16 (43.2 per cent) indicated that the major responsibility for coordination rested with a person designated as an institutional research officer. It will be noted further that the great majority of these persons (13 of 16) work at the job full time.

Recent Trend Toward Centralization. Among AALGCSU-SUA institutions

TABLE II

OFFICERS AND COMMITTEES RESPONSIBLE FOR INSTITUTIONAL RESEARCH IN 37 LAND-GRANT INSTITUTIONS AND STATE UNIVERSITIES REPORTING FULL-TIME OR PART-TIME COORDINATION

	RESPONSIBLE OFFICER OR COMMITTEE				
TYPE OF ORGANIZATION	PRESIDENT VICE PRESIDENT, OR DEAN	COMMITTEE	INSTITUTIONAL RESEARCH OFFICER	ASS'T. TO PRES., VICE PRES., OR PROVOST	OTHER
Full-time coordination	0	4	13	0	1
Part-time coordination	8	3	3	4	3
TOTAL	8	7	16	4	4

as a group, institutional research is presently in a state of change and development. This is indicated by the fact that each of 35 institutions has had its present organization for institutional research for less than five years and each of 12 institutions has had its present organization from six to ten years. Only two institutions of those here studied have had institutional research agencies for more than 25 years.

Among land-grant institutions and state universities, a trend toward centralization of institutional research functions is clearly manifest. It has already been noted that more than two-fifths (42.0 per cent) of these institutions coordinate institutional research on either a full-time or part-time basis. Further examination of the data reveals that during the past five years nine member institutions have activated institutional research agencies, ten have expanded existing institutional research facilities, and several have activated institution-wide advisory committees on institutional research. (Altogether, 32--or 34.4 per cent--of the 93 institutions indicate that they now have functioning advisory committees of this sort.)

The trend toward centralization is further revealed by a look ahead. Institutions were asked to indicate what changes in the present organization, if any, are contemplated in the near future. In response to this item, ten institutions indicated they had plans under way for the activation of institutional research agencies; six indicated that the existing institutional research staff and/or facilities will be expanded; five indicated that an institutional research advisory committee is to be established; four indicated "further centralization" of the institutional research agency; three felt a growing need for such an agency although plans for its establishment are not definite; two thought the work would shift from ad hoc to permanent committees; and two indicated that the coordinative function would be advanced from part-time to full-time bases.

Comprehensive Self-Studies. Indicative of the interest in institutional research among AALGCSU-SUA institutions is the fact that 59 (63.4 per cent) of the 93 member institutions have made comprehensive self-studies since the end of World War II. Twenty-eight (30.1 per cent) institutions stated they had not made such studies during the period indicated. Six (6.5 per cent) did not respond to the item.

Most of these 59 self-studies have been made in recent years. Twenty-four have been made within the past three years; seventeen are still in progress. Each of three institutions has made two self-studies since the end of World War II.

Institutional Research Needs: Institutional Level. The overwhelming need for institutional research at the institutional level seems to be "more time, more money, more staff, and/or better facilities." Twenty-two institutions responded to this category of need. Seven institutions again expressed need for the activation of an institutional research agency; four felt the need for "better coordination;" three expressed a need for "better utilization of institutional research findings by administrators and faculty members."

Concerning the nature of institutional research work which needs to be done at the institutional level, the responses were as follows: space utilization studies, 11; operational cost analysis, 10; improving instruction and evaluating its effectiveness, 8; studies of the curriculum, 5; admissions policies, 5; and better and more recent "standardized" or normative data, 5.

Institutional Research Needs: AALGCSU-SUA Level. Respondents were asked to react to this item: "What cooperative projects, if any, of an institutional research nature would you most like to see undertaken by AALGCSU-SUA?" The responses may be summarized as follows: operational cost analysis and procedures, 14; studies of the curriculum, 11; faculty load studies, 11; standardization of operating definitions and normative data, 9; space utilization studies, 7; admission policies, 6; class-size studies and class-size effectiveness, 6; enrollment studies and projections, 5; and faculty salary studies in AALGCSU-SUA institutions, 5.

In connection with this item, there is reason to believe that in some cases the question was not thought through. The respondent had been caught "flat footed." Temporarily victimized, he sometimes gave an "off-the-cuff" reaction. As a result, he frequently listed needs at the AALGCSU-SUA level which were akin to the needs at the institutional level. As a result, many of the comprehensive needs (e.g., non-resident students, quality of faculty, quality of instruction, quality and quantity of research) escaped unexpressed. Yet when the writer later talked with many of these same individuals--after the questionnaire had been returned--a great deal of interest was expressed in the more comprehensive and possibly even more significant research needs at the AALGCSU-SUA level.

General Findings

The writer wishes now to discuss briefly a number of findings of a more general nature. In most cases, these statements may be backed up with objective data. In a few instances the reactions are in the nature of subjective opinions.

Growing Interest in Institutional Research. It is evident that there is a waxing interest in institutional research among the colleges and universities of this country. These institutions want to know more about themselves. Evidences of this growing interest are numerous; a few are listed here. During each of the past several years, institutional research groups have met at the time of the National Conference on Higher Education, sponsored annually by the Association for Higher Education. At every one of these meetings attendance has far exceeded expectations. Enthusiastically received have been the services of the Office of Statistical Information and Research of the American Council on Education and the Clearinghouse of Studies on Higher Education of the U. S. Office of Education. The recent Summer Institute on Institutional Research sponsored jointly by the Western Interstate Commission for Higher Education and Stanford University enrolled two or three times the number of persons originally anticipated. Consistent with the national trend, this study has revealed a growing interest in institutional research on the part of AALGCSU-SUA institutions.

Extent of Institutional Research Staff, Budget, and Facilities. Although this study did not seek quantitative information concerning staff, budget, and facilities, some observations seem to be in order. It was noted earlier that some AALGCSU-SUA institutions do little or no institutional research and, consequently, have no organization or staff for this purpose. Among institutions having decentralized organization, institutional research is commonly done by a variety of persons: registrar, business officer, deans, administrative assistants, ad hoc faculty committees, and the like. In these institutions the costs of institutional research are ordinarily absorbed in the regular budgets of the appropriate offices and agencies.

Among colleges and universities having institutional research agencies, the extent of staff, budget, and facilities varies widely. Frequently the staff consists of a single professional worker and a single general-purpose "secretary." The largest institutional research staff observed by the writer consisted of sixteen individuals, six of whom were professional workers. The "average" staff in an AALGCSU-SUA institution having an institutional research agency probably consists of three to six persons, about half or less of whom are professional workers. An "average" budget for institutional research in such an institution probably runs in the order of $20,000 to $50,000 per year. When one considers the benefits to be derived from effective institutional research, the outlay in terms of staff, budget, and facilities are modest indeed.

Character of Institutional Research Studies Undertaken by AALGCSU-SUA Institutions, by Graduate Students in these Institutions, and by State-Wide Boards of Higher Education. Appendix D shows that among AALGCSU-SUA institutions six categories of institutional research projects were frequently undertaken: curriculum; faculty; instructional program, methods, and materials; physical plant and facilities; students; and student personnel services. Graduate students, as shown in Appendix E, concentrated their institutional studies about students; student personnel services; and the instructional program, methods, and materials. State-wide boards of higher education as shown in Appendix F, gave major attention to enrollment studies, finance, and physical plant and facilities. In these appendixes (D, E, F) some categories of studies are almost as conspicuous by their meagerness (or total absence) as others are by their abundance of investigation.

Institutional Research in Institutions Not Having Organized Institutional Research Facilities Versus Institutions Having Institutional Research Agencies. It has been indicated earlier that nine out of ten AALGCSU-SUA institutions are, by their own statements, engaged in institutional research of some character and to some extent. It is the belief of the writer that the great majority of land-grant institutions and state universities are getting at least some basic institutional research information which is useful or necessary in making intelligent administrative decisions and for the successful maintenance, operation, and/or improvement of the institution. By some means or other and from varying sources institutions get such basic information as data on enrollments analyses, enrollment projections, budget analyses, instructional cost analyses, class size, space utilization, and possibly even some information concerning the curriculum and the effectiveness of instruction. Some institutions stop with this "routine" information; others go on to study particular problems. Sometimes institutions with decentralized organizations attack--through individuals, ad hoc faculty committees, and other means--special problems of significance. The amount of institutional research work which can be accomplished by these ad hoc means, however, is generally limited. It is, however, the belief of the writer--in fact, to his own satisfaction it is his observation--that those institutions which have recognized institutional research agencies (whether on a part-time or a full-time basis, but particularly the latter) are turning out more and better institutional research information, both that which is "routine" and that which is particular, both that which is repetitive in nature and that which is discrete.

Character of Institutional Research Reports. Institutional research reports run the full gamut of sophistication. Some are so informal that they are reported orally, usually to the president or some other major administrative officer. The ultimate in simplicity of reporting probably came from a director of institutional research in a state university who said, "I worked for three months on a problem and the answer was 'No!' It was as simple as that." Some institutions have never published an institutional research report, nor do they intend to do so. Rather, they think of institutional research as being for the particular college or university and not for public consumption.

On the other hand, a large proportion of the institutional research in some AALGCSU-SUA institutions eventually results in publication--in full or in summary form. The publication outlet may be a book, a pamphlet, a "house organ" type of publication, or an article in a professional journal.

The average institutional research agency probably uses a variety of forms of reporting. In some cases, the report is informal, possibly even made orally. In other cases the reporting is simple--a table, a graph, a chart, a few typed pages. Most often, the report is made in duplicated-copy form and distributed to those people within the institution to whom the new information is likely to prove most useful. In some cases--usually rather few in number--the findings will prove to be of such value that they ought to be shared with the profession. These reports eventually reach printed form.

Levels of Coverage. This study reveals that the great bulk of institutional studies to date have been concerned with problems pertaining to the particular institutions in which the respective studies have been made. This, perhaps, was to be expected. In most AALGCSU-SUA institutions, institutional research is fairly new and its support is limited. It is only reasonable to expect that first attention should be given to the immediate and very real problems "at home". Unfortunately, in the case of a number of AALGCSU-SUA colleges and universities institutional research stops there.

Some land-grant institutions and state universities and a number of state-wide boards of higher education are making "institutional" studies which are state-wide in scope and character. Practices among the various states vary widely. In general, however, it may be said that continuing "institutional" research studies of this type are limited.

"Institutional" research studies which extend beyond the confines of a given state are limited indeed. Occasionally a land-grant institution or state university undertakes a study which is regional or national in scope and/or importance. The three regional education boards carry on a reasonable number of studies concerning the respective regions in which they function. They are doing creditable work but their resources for research of this kind are distinctly limited.

On the national scene adequate information concerning the real and comprehensive problems of land-grant institutions and state universities is conspicuously lacking. A number of agencies--among them are the U. S. Office of Education (especially the Clearinghouse of Studies on Higher Education), the American Council on Education (especially the Office of Statistical Information and Research), the National Education Association (especially the Research Division), and the Joint Office of

Institutional Research (AALGCSU-SUA)--are providing significant information but insofar as the AALGCSU-SUA institutions are concerned, this information is adequate neither in volume nor scope of coverage. In many instances the information is not particularized for land-grant institutions and/or state universities, thus further reducing its usefulness for these particular institutions.

Present Status of Knowledge Concerning Eight Research Studies in Which the Joint Study Committee (AALGCSU-SUA) is Interested. For some time the Joint Study Committee of the American Association of Land-Grant Colleges and State Universities and the State Universities Association has been interested in eight major research studies concerning constituent institutions in the two associations. These suggested research studies are:

1. Origins and economic status of students in state universities and land-grant institutions.
2. Educational qualifications of students: admissions and counseling practices.
3. The non-resident student.
4. "Individualization" of instruction, programs, etc.
5. Origins of college and university faculties.
6. Alumni and former students.
7. Impact of increasing and prospective enrollments.
8. Research contributions of state universities and land-grant institutions.

It will be noted that each of these eight proposed research studies is comprehensive in character and that all apply particularly to land-grant institutions and state universities. What is the status of present knowledge concerning these proposed research studies as they apply to AALGCSU-SUA institutions?

It has been shown earlier in this study that institutional research among AALGCSU-SUA institutions is on the wax. It has been shown further, however, that the great bulk of institutional research to date has been local in character and in the main has pertained to the operational problems of the particular institution or, at best, of the state in which the institution is located. Moreover, it has been shown that the quantity and quality of institutional research vary tremendously from AALGCSU-SUA institution to AALGCSU-SUA institution. In some institutions, institutional research information is virtually non-existent; in others, it approaches adequacy insofar as the particular institution is concerned. For the entire group of land-grant institutions and state universities as a whole, however, the status of knowledge concerning the eight proposed research studies must be described as fragmentary and inadequate. In the judgment of this writer, it would be entirely appropriate and extremely desirable for each of the eight proposed research projects to be pursued both extensively and intensively. He concurs in the belief expressed by the Joint Study Committee that comprehensive research of the type here indicated "is long overdue." Information forthcoming from studies such as here suggested should prove extremely valuable and useful to land-grant institutions and state universities as they plan for the future.

SUMMARY AND CONCLUSIONS

This study has had reference to institutional research concerning land-grant institutions and state universities. It has also been concerned with the extent and nature of present knowledge concerning eight specific research studies proposed by the Joint Study Committee of the American Association of Land-Grant Colleges and State Universities and the State Universities Association (AALGCSU-SUA).

The project has been pursued (1) by means of bibliographic studies, (2) by means of three different but related questionnaire studies, and (3) by means of travel on the part of the writer which resulted in individual discussions with more than one hundred educators interested in and/or working in the field of institutional research. As a result of this investigation, the following conclusions seem to be in order:

1. There is a rapidly growing interest in institutional research among member institutions of the AALGCSU-SUA.
2. Among the AALGCSU-SUA institutions at the time of this study about half (48.4 per cent) had decentralized organizations for institutional research; about one-fifth (22.6 per cent) provided part-time coordination; about one-fifth (19.4 per cent) provided full-time coordination; and about one-tenth (9.7 per cent) admitted they were doing little or no institutional research.
3. There is a clear-cut trend toward centralization of the institutional research function. This trend is manifest in the considerable number of institutional research agencies which have been established during the past five years. It is further manifest in the number of institutions now planning to establish such agencies within the foreseeable future.
4. Among AALGCSU-SUA institutions having institutional research agencies, the staffs, budgets, and facilities are kept within reasonable limits. Among these institutions an average staff (professional and non-professional) probably numbers three to six persons. An average budget for institutional research probably runs in the order of $20,000 to $50,000 per year. Concerning their institutional research efforts, many land-grant institutions and state universities feel the need for "more time, more money, more staff, and/or better facilities."
5. Generally speaking, institutional research studies are concerned with immediate and specific problems which are local in character and which apply in particular institutions--e.g., "Space Utilization in X College During the Academic Year 1958-1959," "Class Size in Y University During the Fall Semester, 1958," and the like. Comprehensive studies of basic educational problems are seldom undertaken.

6. The great bulk of institutional research studies among land-grant institutions and state universities are concerned with problems of the institution in which they are produced. Relatively few institutional research projects are concerned with problems at the state-wide level. Fewer still are concerned with problems which are regional and/or national in scope. Institutional research staffs, budgets, and facilities being what they are, it could hardly be expected that individual institutions would undertake on a large scale problems of regional and/or national significance.

7. This investigation indicates full justification in pursuing the eight research studies suggested by the Joint Study Committee of the AALGCSU-SUA. Information forthcoming from these studies should prove extremely beneficial to land-grant institutions and state universities as they plan for the tremendous tasks which lie immediately ahead of them.

APPENDIXES

NOTES CONCERNING APPENDIX A

In order to be listed in Appendix A an item had to meet the following criteria:

1. It had to appear in published form--i.e., in a periodical or in pamphlet or book form. (The few exceptions to this standard of selection are noted in individual cases.)
2. It had to have been published on or after January 1, 1954 but not later than July 31, 1959.
3. It had to be based on research.
4. It had to be produced by one or more individuals in a member institution of the AALGCSU-SUA or an allied agency and/or it had to be concerned with and/or include one or more member institutions of the AALGCSU-SUA.

No claim is made that the list of publications which appears in Appendix A is exhaustive. It is believed, however, that the list is representative of the publications based on research and concerned with operational problems of the constituent institutions of the American Association of Land-Grant Colleges and State Universities and the State Universities Association during the period indicated.

APPENDIX A

SELECTED PUBLICATIONS BASED ON RESEARCH CONCERNING LAND-GRANT INSTITUTIONS AND/OR STATE UNIVERSITIES
(January, 1954--July, 1959)

ADMINISTRATION AND ORGANIZATION OF THE INSTITUTION

Ayers, Archie. "The Effect of Student-Population Increases on University and College Organization," Higher Education, XV (May, 1959), 162-63.

Schelske, A. H. "Semester and Quarter Plan of Organization in North Central Institutions," North Central Association Quarterly, XXXII (April, 1958), 342-48.

Stecklein, John E.; Corcoran, Mary; and Ziebarth, E. W. The Summer Session: Its Role in the University of Minnesota Program. Minneapolis: Bureau of Institutional Research, University of Minnesota, 1958.

ADMISSIONS POLICIES

Bertrand, John R. "Relation Between High School Average Grade and Academic Achievement of Agricultural Students, Agricultural and Mechanical College of Texas," College and University, XXX (January, 1955), 166-81.

Franz, Gretchen; Davis, Junius A.; and Garcia, Deloris. "Prediction of Grades from Pre-Admissions Indices in Georgia Tax-Supported Colleges," Educational and Psychological Measurement, XVIII (Winter, 1958), 841-44.

Jex, Frank B. University of Utah Studies in the Prediction of Academic Success. University of Utah Research Monographs in Education, Vol. I, No. 1. Salt Lake City, Utah: University of Utah, 1957.

Knutson, Howard. "Admission Requirements of State Universities and Land-Grant Colleges," College and University, XXX (April, 1955), 334-43.

Schoepfle, G. K., and Arnold, D. L. "Correlation of High School and College Grades," American Journal of Physics, XXVI (November, 1958), 537-39.

Smith, George B. "Who Should Be Eliminated? A Study of Selective Admission to College," Kansas Studies in Education. Lawrence, Kansas: School of Education, University of Kansas, 1956.

APPENDIX A (Continued)

Stickler, W. Hugh. *How Did They Get Along in the University?* Tallahassee Florida: Florida State University, 1956.

ALUMNI AND FORMER STUDENTS

Joint Land-Grant College--Department of Agriculture Committee on Training and Government Service. *Starting Salaries for Persons Receiving Degrees in 1957 in Selected Fields as Reported by Land-Grant Colleges and Universities*. Washington: Division of Training and Employee Services, Office of Personnel, U. S. Department of Agriculture, 1958.

Leopold, Alice K. "1955's Women College Graduates in 1956," *Personnel and Guidance Journal*, XXXV (February, 1957), 342-46.

Stewart, E. T., Jr. "Alumni Support and Annual Giving," *Annals of the American Academy of Political and Social Science*, CCCI (September, 1955), 123-39.

CURRICULUM

Armsby, Henry H.; Eells, Walter C.; and Martorana, S. V. "Organized Occupational Curriculums: Enrollments and Graduates, 1956," *Higher Education*, XIV (December, 1957), 63-65.

Armsby, Henry H.; Eells, Walter Crosby; and Martorana, S. V. *Organized Occupational Curriculums: Enrollments and Graduates, 1956*, U. S. Department of Health, Education, and Welfare; Office of Education. Circular No. 512. Washington: U. S. Government Printing Office, 1958.

Brown, Aaron. "Graduate and Professional Education in Negro Institutions," *Journal of Negro Education*, XXVII (Summer, 1958), 233-42.

Sanders, Jennings B. *Social Science Requirements for Bachelor's Degrees*. U. S. Department of Health, Education, and Welfare; Office of Education. Bulletin 1959, No. 8. Washington: U. S. Government Printing Office, 1959.

Scates, Alice Yoemans. *Programs Below the Bachelor's Degree Level in Institutions of Higher Education*. U. S. Department of Health, Education, and Welfare; Office of Education. Bulletin 1955, No. 9. Washington: U. S. Government Printing Office, 1955.

Stickler, W. Hugh. "Building the Curriculum for the New Community College," *Junior College Journal*, XXVIII, No. 2 (October, 1957), 66-72.

APPENDIX A (Continued)

Stickler, W. Hugh. "General Education: What Are the On-Going Administrative Problems?" In *Current Issues in Higher Education*. Edited by G. Kerry Smith. Washington: Association for Higher Education, 1956.

Stickler W. Hugh. "Senior Courses in General Education," *Journal of Higher Education*, XXV, No. 3 (March, 1954), 139-47.

Stickler, W. Hugh. "The General Education Movement: Its Development, Its Future," *The Educational Leader*, XXI, No. 1 (July, 1957), 3-15.

Stickler, W. Hugh. "Whence and Whither General Education?" *Journal of Higher Education*, XXVIII, No. 4 (April, 1957), 195-202.

Stickler, W. Hugh. "Whither General Education: What American Leaders Think," *College and University Bulletin*, Vol. 10, No. 8 (January-February, 1958).

"Teaching of Religion at State Colleges and Universities," *Higher Education*, XIV (October, 1957), 28.

Umstattd, J. G. "Courses on College Teaching," *Journal of Higher Education*, XXV (February, 1954), 76-81.

ENROLLMENT

Crummel, Robert A. "The Development of Higher Education in the United States, 1900-1955," *Educational Record*, XXXVIII (October, 1957), 320-28.

Eells, Walter Crosby. "Doctorates Earned at American Educational Institutions," *College and University*, XXXII (Fall, 1956), 24-28.

"Land-Grant Institutions: Enrollments, Graduate Degrees, Finances," *Higher Education*, XIII (March, 1957), 138.

National Academy of Sciences--National Research Council. *Doctorate Production in United States Universities 1936-1956 With Baccalaureate Origins of Doctorates in Sciences, Arts, and Humanities*. Publication 582. Washington: National Academy of Sciences--National Research Council, 1958

Thompson, Ronald B. "College Age Population Trends, 1940-70," *College and University*, XXIX (January, 1954), 215-24.

Thompson, Ronald B. *The Impending Tidal Wave of Students*. American Association of Collegiate Registrars and Admissions Officers, 1954.

Thompson, Ronald B. *The Problem of Rising College Enrollments*. Yonkers, New York: The College Blue Book, 1959.

APPENDIX A (Continued)

U. S. Department of Health, Education, and Welfare; Office of Education. *Earned Degrees Conferred by Higher Educational Institutions 1956-1957*. Circular No. 527. Washington: U. S. Government Printing Office, 1958.

U. S. Department of Health, Education, and Welfare; Office of Education. *Faculty, Students, and Degrees in Institutions of Higher Education: Statistical Summary, 1955-56*. Circular No. 514. Washington: U. S. Government Printing Office, 1958.

U. S. Department of Health, Education, and Welfare; Office of Education. *Opening (Fall) Enrollment in Higher Education, 1958: Institutional Data*. Circular No. 544. Washington: U. S. Government Printing Office, 1959.

Walters, Raymond. "Statistics of Attendance in American Universities and Colleges, 1955," *School and Society*, LXXXII (December, 1955), 178-89. (Reported annually in this publication.)

FACULTY

American Association of University Professors, Committee on the Economic Status of the Profession. "Instructional Salaries in 39 Selected Colleges and Universities for the Academic Year 1957-58; A Preliminary Report." *American Association of University Professors Bulletin*, XLIII (December, 1957), 655-67.

Bokelman, W. Robert. "Faculty Salaries 1958-59," *Higher Education*, XV (January, 1959), 85-88.

Button, Daniel E. "For Faculty Families: To Fee or Not To Fee," *College and University Business*, XXIV (June, 1958), 23-24.

Button, Daniel E. "Retirement Practices of State Universities," *American Association of University Professors Bulletin*, XLIII (September, 1957), 492-97.

Eells, Walter Crosby. *College Teachers and College Teaching: An Annotated Bibliography on College and University Faculty Members and Instructional Methods*. Atlanta: Southern Regional Education Board, 1957.

Eells, Walter Crosby. *College Teachers and College Teaching: A Supplement to the Annotated Bibliography on College and University Faculty Members and Instructional Methods, 1957*. Atlanta: Southern Regional Education Board, 1959.

Eells, Walter C. "Highest Earned Degrees of Faculty Members in Institutions of Higher Education in the United States, 1954-55," *College and University*, XXXIV (Fall, 1958), 5-38.

APPENDIX A (Continued)

Eells, Walter C. "Journals Publishing Articles on College Teachers and College Teaching," American Association of University Professors Bulletin, XLIII (September, 1957), 458-60

Frymier, J. R. "Financial Status of College Teachers in the South," Journal of Higher Education, XXVIII (March, 1957), 163-66.

Fund for the Advancement of Education. Teachers for Tomorrow. New York: Fund for the Advancement of Education, 1955.

Harris, Seymour E. "Faculty Salaries," American Association of University Professors Bulletin, XLIII (December, 1957), 581-93.

Hutchisson, Elmer. "An Economic Study of College Salaries and Academic Rank Distribution," Educational Record, XXXVII (October, 1956), 277-84.

"Higher Education Salaries." Michigan Education Journal, XXXV (May, 1958), 392.

Houston, Neal B., and Umstattd, James G. "Teacher Personnel Problems in Junior and Senior Colleges and Universities," Review of Educational Research, XXVIII (June, 1958), 234-41.

Iffert, Robert E. "Staffing Institutions of Higher Education in the Next Decade," Higher Education, XIII (December, 1956), 66-68.

Landis, Benson Y. (ed). "Ethics Standards and Professional Conduct," Annals of the American Academy of Political and Social Science, CCXCVII (January, 1955), 1-124.

Lindquist, Clarence B. "Recent Practices Relating to Faculty in Institutions of Higher Education: Preliminary Report," Higher Education, XV (November, 1958), 41-47.

Lindquist, Clarence B. Staffing the Nation's Colleges and Universities. Report of a Conference, May 20 and 21, 1957. U. S. Department of Health, Education, and Welfare; Office of Education. Washington: U. S. Government Printing Office, 1957.

Lloyd, R. Grann, and Walker, George H. "Teacher Supply and Demand in the Negro College," Journal of Negro Education, XXIII, No. 4 (Fall, 1954), 421-27.

Lovell, George D., and Haner, Charles F. "Forced-Choice Applied to College Faculty Rating," Educational and Psychological Measurements, XV (Autumn, 1955), 291-304.

McKeachie, W. J., and Solomon, Daniel. "Student Ratings of Instructors: A Validity Study," Journal of Educational Research, LI (January, 1958), 379-82.

APPENDIX A (Continued)

Maul, Ray C. "A Look at the College Teacher Supply and Demand Problem," College and University, XXXI (Spring, 1956), 269-75.

Maul, Ray C. "College and University Salaries, 1955-56," Higher Education, XIII (November, 1956), 40-44.

Maul, Ray C. "College Teacher Supply and Demand--A Changing Pattern," Educational Forum, XXI (November, 1956), 55-61.

Maul, Ray C. "College Teaching: Challenge, Opportunity," Phi Delta Kappan, XXXVIII (February, 1957), 175-80.

Maul, Ray C. "Colleges, Too, Will Need More Teachers," NEA Journal, XLV (January, 1956), 47-48.

Maul, Ray C. "1957-58 College Salaries: Good, Bad, Indifferent," NEA Journal, XLVII (September, 1958), 417.

Maul, Ray C. "The Outlook for College Teachers," Teachers College Record, LIX (December, 1957), 149-55.

Maul, Ray C. "The Quest for Competent Instructional Staff," Journal of Higher Education, XXVI (February, 1955), 69-74.

Maul, Ray C. "Toward Recruiting College Teachers," Journal of Higher Education, XXVII (April, 1956), 189-93.

Maul, Ray C. "Wanted: College Teachers," NEA Journal, XLVI (December, 1957), 607-8.

Mayer, Kurt B. "Salaries and Working Conditions of Sociology Teachers: A Report Prepared for the Eastern Sociological Society's Committee on Salaries and Working Conditions of Sociology Teachers," American Association of University Professors Bulletin, XLIII (March, 1957), 43-55.

National Education Association, Research Division. "Instructional Staff Practices and Policies in Degree Granting Institutions, 1943-54," NEA Research Bulletin, XXXII (December, 1954), 159-214.

National Education Association, Research Division. "Salaries in Higher Education Take on New Interest for Public-School Teachers as College and Universities Draw More and More Upon the Public-School Staff for Their New Instructors," NEA Research Bulletin, XXXVI (October, 1958), 90-95.

National Education Association, Research Division. Salaries Paid and Salary Practices in Universities, Colleges, and Junior Colleges, 1957-58. Washington: National Education Association, 1958.

National Education Association, Research Division. "Teachers for Our Colleges: Status of Supply and Demand," NEA Research Bulletin, XXXVI (February, 1958), 13-22.

APPENDIX A (Continued)

National Education Association, Research Division. Teacher Supply and Demand in Universities, Colleges, and Junior Colleges, 1957-58 and 1958-59. Washington: National Education Association, 1959.

"NEA's College Teacher Salary Study," School and Society, LXXXVI (December, 1958), 461-62.

Pattillo, Manning M., and Pfnister, Allan O. "Faculty Training and Salaries in Institutions of Higher Education," North Central Association Quarterly, XXIX (April, 1955), 374-404.

Purdue Chapter of the American Association of University Professors. Report and Proposals of the 1957-58 Committee on Faculty Salaries. Lafayette, Indiana: Purdue University, 1958.

Regents of the University of California and the California State Board of Education, Liaison Committee. A Study of Faculty Demand and Supply in California Higher Education, 1957-1970. Berkeley, California: University of California Press, 1958.

Ruml, Beardsley, and Tickton, Sidney G. Teaching Salaries Then and Now: A Fifty-Year Comparison with Other Occupations and Industries. New York: Fund for the Advancement of Education, 1955.

Serbein, Oscar N. "Fringe Benefit Programs and Salaries in 49 Colleges and Universities," Higher Education, XIV (October, 1957), 17-22.

Stecklein, John E., and Eckert, Ruth E. An Exploratory Study of Factors Influencing the Choice of College Teaching as a Career. Minneapolis, Minnesota: University of Minnesota, 1958.

Stickler, W. Hugh. Faculty Handbook, 1959-1960. Tallahassee, Florida: Florida State University, 1959.

Stickler, W. Hugh. "Sabbatical Leave in State Universities and Land-Grant Institutions, 1957-1958," Higher Education, XIV, No. 7 (March, 1958), 118-19.

Stripling, Robert O. "Orientation Practices for New College Faculty Members," Bulletin of the American Association of University Professors, XL (December, 1954), 555-62.

Turner, Ralph H. "Retirement Practices in Selected Colleges and Universities," American Association of University Professors Bulletin, XLII (Winter, 1956), 662-66.

Woods, Roy C. "Retirement Systems in Institutions of Higher Education," Journal of Higher Education, XXX (February, 1959), 101-4.

Wright, Robert L. "A Study of Rank in American Higher Education," Junior College Journal, XXVII (November, 1956), 146-49.

APPENDIX A (Continued)

Yeager, William A. "Total Service Load in Schools of Education," Journal of Higher Education, XXVII (March, 1956), 150-55ff.

FINANCE

Bokelman, W. Robert. Higher Education Planning and Management Data, 1958-1959. U. S. Department of Health, Education, and Welfare; Office of Education. Circular No. 549. Washington: U. S. Government Printing Office, 1959.

Conrad, Herbert S., and Hollis, Ernest V. "Trends in Tuition Charges and Fees," Annals of the American Academy of Political and Social Science, CCCI (September, 1955), 148-65.

"Gifts and Bequests to Colleges," School and Society, LXXXV (March, 1957), 77.

Going Up: Voluntary Support of America's Colleges and Universities 1956-1957. New York: Council for Financial Aid to Education, Inc., 1958.

Humphrey, G. D. "Statutory Control of College and University Salaries," School and Society, LXXXV (May, 1957), 185-86.

Pollard, John A., and Barrett, Norman W. "The Financial Status of Colleges and Universities in the United States," Higher Education, XI (May, 1955), 125-29.

Quattlebaum, Charles A. Federal Aid to Students for Higher Education. (House Committee Print, 84th Cong., 2d Sess.) Washington: U. S. Government Printing Office, 1956.

Rand, E. W. "The Cost of Board, Room, and Student Fees in a Selected Group of Negro Publicly Supported Colleges," Journal of Negro Education, XXVI (Spring, 1957), 207-12.

Williams, Robert L. "Instructional Cost Studies in Perspective," College and University Business, XXVI (March, 1959).

INSTRUCTIONAL PROGRAM, METHODS, AND MATERIALS

The Ford Foundation and The Fund for the Advancement of Education. Teaching by Television. New York: Ford Foundation, 1959.

Harrison, E. C. "Improving Instruction Through Pilot Studies," Association of American Colleges, XLII (October, 1956), 424-30.

Lucke, Dorothy M. "Teaching Methods in Non-Laboratory Classes," Journal of Home Economics, XLVIII (March, 1956), 172-76.

APPENDIX A (Continued)

Macomber, F. G., and Siegel, Laurence. "A Study in Large-Group Teaching Procedures," Educational Record, XXXVIII (July, 1957), 220-29.

Maslow, Abraham H., and Zimmerman, W. A. "College Teaching Ability, Scholarly Activity, and Personality," Journal of Educational Psychology, XLVII (March, 1956), 185-89.

Mayhew, Lewis B. "Colleges Improve Their Programs," Association of American Colleges Bulletin, XLI (May, 1955), 284-91.

Parsons, Thomas S. "A Comparison of Instruction by Kinescope, Correspondence Study, and Customary Classroom Procedures," Journal of Educational Psychology, XLVIII (January, 1957), 24-40.

Rohrer, John H. "Large and Small Sections in College Classes," Journal of Higher Education, XXVIII (May, 1957), 275-79.

Siegel, Laurence, and Macomber, F. G. "Comparative Effectiveness of Televised Large Classes and of Small Classes," Journal of Educational Psychology, XLVIII (October, 1957).

Stickler, W. Hugh. "Graduate Fellowships and Assistantships in State Universities and Land-Grant Institutions," Higher Education, XIII (March, 1957), 124-27.

Stickler, W. Hugh. "Improving College Instruction," Improving College and University Teaching, II, No. 2 (May, 1954), 29-34.

Stuit, Dewey, and Becker, Sam L. "Teaching on Closed-Circuit Television," Journal of Higher Education, XXVIII (June, 1957), 339-43.

Voeks, Virginia. "Ridicule and Other Detriments to Effective Teaching," American Association of University Professors Bulletin, XL (December, 1954), 621-30.

Waggoner, G. R. "The Gifted Student in the State University," Journal of Higher Education, XXVIII (November, 1957), 414-23ff.

LIBRARY

Statistics on Libraries. Paris, France: UNESCO, 1959.

PHYSICAL PLANT AND FACILITIES

Bokelman, W. Robert, and Rork, John B. College and University Facilities Survey, Part 1: Cost and Financing of College and University Buildings, 1951-55. U. S. Department of Health, Education, and Welfare; Office of Education. Circular No. 540. Washington: U. S. Government Printing Office, 1956.

APPENDIX A (Continued)

Diamond, Arnold H. "The College Housing Program: Its History and Operations," *Educational Record*, XXXVIII (July, 1957), 204-19.

Long, John D., and Weimer, Arthur M. *Financing of College and University Student Permanent Housing*. Washington: American Council on Education, 1957.

Rork, John B. "Trends in Residential Construction in Institutions of Higher Education," *Higher Education*, XIV (December, 1957), 59-62.

Russell, John Dale, and Doi, James I. *Manual for Studies of Space Utilization in Colleges and Universities*. Athens, Ohio: American Association of Collegiate Registrars and Admissions Officers, 1957.

Russell, John Dale. "The Utilization of Building Space in Institutions of Higher Education," *College and University*, XXXII (Summer, 1957), 481-93.

PUBLIC SERVICES AND CONTINUING EDUCATION

Conrad, Herbert, and Jaracy, William A. *Resident, Extension and Adult Education Enrollment in Institutions of Higher Education*. U. S. Department of Health, Education, and Welfare; Office of Education. Circular 414. Washington: U. S. Government Printing Office, 1954.

RESEARCH CONTRIBUTIONS

Research Studies in Education--1957. Compiled by Glenn Jensen, Mary Louise Lyda, and Carter V. Good. Bloomington, Indiana: Phi Delta Kappa, 1958.

Young, Raymond J. *A Directory of Educational Research Agencies and Studies*. First Revision. Bloomington, Indiana: Phi Delta Kappa, 1959.

Young, Raymond J. "Educational Research in Colleges and Universities," *Journal of Higher Education*, XXIX (June, 1958), 331-35.

STATEWIDE AND/OR REGIONAL COORDINATION AND PLANNING

Alabama Education Commission. *Report of the Alabama Education Commission*. Montgomery, Alabama: The Commission, 1959.

Board of Trustees, Institutions of Higher Learning of Mississippi. *Statistical Summaries, 1958-1959*. Jackson, Mississippi: The Board, 1959. (Mimeographed.)

APPENDIX A (Continued)

Brewton, John E. *Higher Education in Mississippi*. Jackson, Mississippi: Board of Trustees, Institutions of Higher Learning, 1954.

Brewton, John E. "Public Higher Education in West Virginia," *Higher Education*, XII (May, 1956), 141-44.

Brumbaugh, A. J. "Higher Education in Louisiana," *Higher Education*, XIII (November, 1956), 33-36.

California State Board of Education and the Regents of the University of California, Liaison Committee. *A Study of the Needs for Additional Centers of Public Higher Education in California*. Sacramento: California State Board of Education, 1957.

Commission of Higher Education. *State-Supported Higher Education in North Carolina*. Raleigh, N. C.: The Commission, 1955.

Commission to Study the Needs of Higher Education in Maryland. *The Needs of Higher Education in Maryland*. Annapolis, Maryland: The Commission, 1955.

Committee on Higher Education in Wyoming. *Higher Education in Wyoming*. Laramie, Wyoming: The Committee, 1958. (Mimeographed.)

Council for the Study of Higher Education in Florida. *Higher Education and Florida's Future*. (5 Volumes.) Gainesville, Florida: University of Florida Press, 1956.

Durham, G. Homer. *The Administration of Higher Education in Montana*. Helena, Montana: Montana Legislative Council, 1958.

Fretwell, Elbert K., Jr., and Doran, Kenneth T. "Higher Education in New York State Faces the Future: A Summary of the State Education Department's Research in Needs and Facilities," *Educational Record*, XXXIX (April, 1958), 161-69.

Glenny, Lyman. *Autonomy of Public Colleges: The Challenge of Coordination*. New York: McGraw Hill Book Company, 1959.

Governor's Commission on Higher Education. *Higher Education in the Commonwealth [of Pennsylvania]*. Harrisburg, Pennsylvania: The Commission, 1957. (Mimeographed.)

Governor's Committee on Higher Education. *Minnesota's Stake in the Future: Higher Education, 1956-1970*. Minneapolis: The Committee, 1956.

Hollis, Ernest V., and Martorana, S. V. "Advance Planning for Higher Education in the United States," *Higher Education*, XII (March, 1956), 101-8.

Hollis, Ernest V. and Others. *Higher Education in North Dakota*. Bismarck, North Dakota: North Dakota Legislative Research Committee and State Board of Higher Education, 1958.

APPENDIX A (Continued)

Hollis, Ernest V. "State-Supported Higher Education in Arizona: Report of a Survey," *Higher Education*, XI (May, 1955), 135-37.

Holy, T. C.; Semans, H. H.; McConnell, T. R.; and Others. *A Restudy of the Needs of California in Higher Education*. Sacramento: California State Department of Education, 1955.

Holy, T. C.; McConnell, T. R.; and Semans, H. H. "California Studies Its Needs and Resources in Higher Education," *Educational Record*, XXXVI (October, 1955), 291-303.

Houpt, William S. "Supply, Demand, and Qualification Factors Related to Teaching Personnel for California's Colleges and Universities," *Journal of Educational Research*, LI (January, 1958), 373-77.

Illinois Higher Education Commission. *Illinois Looks to the Future in Higher Education*. Chicago, Illinois: The Commission, 1957.

Joint Committee on Government and Finance, Commission on Interstate Cooperation, and Citizens Advisory Committee. *Public Higher Education in West Virginia*. Charleston, West Virginia: The Committees, 1956.

Keller, Robert J., and Others. *The Junior College in Minnesota*. St. Paul: State of Minnesota Department of Education, 1958.

Louisiana Commission on Higher Education. *Higher Education in Louisiana*. (5 Volumes.) Baton Rouge, Louisiana: The Commission, 1956.

McConnell, T. R. "Restudy of the Needs of California in Higher Education," *Higher Education*, XII (April, 1956), 126-29.

Martorana, S. V. *New Mexico's Needs for Further Post-High-School Educational Programs*. Santa Fe, New Mexico: New Mexico Board of Educational Finance, 1956. (Duplicated.)

Nevada Legislative Counsel Bureau. *The University of Nevada: An Appraisal*. Carson City, Nevada: State Printing Office, 1956.

New Mexico Board of Educational Finance. *Analysis of Institutional Operating Budget Estimates, 1959-1960*. Santa Fe, New Mexico: Board of Educational Finance, 1959. (Mimeographed.)

Pierce, Truman M., and Albright, A. D. *Public Higher Education in Tennessee*. Nashville: The Education Survey Subcommittee of the Tennessee Legislative Council Committee, 1957.

Russell, John Dale. *Higher Education in Michigan: The Final Report of the Survey of Higher Education in Michigan*. Lansing, Michigan: Michigan Legislative Study Committee on Higher Education, 1958.

APPENDIX A (Continued)

Russell, John Dale. "Meeting Ohio's Needs in Higher Education: A Report of a Preliminary Survey," *Educational Record*, XXXVII (October, 1956), 303-9.

Russell, John Dale. *Meeting Ohio's Needs in Higher Education*. Wooster, Ohio: Ohio College Association, 1956.

Russell, John Dale. "Survey of Higher Education in Michigan," *Higher Education*, XV (April, 1959), 133-37.

Russell, John Dale. "Survey of Higher Education in Ohio," *Higher Education*, XIII (September, 1956), 3-7.

Russell, John Dale. "The Ohio Survey of Higher Education," *Journal of Higher Education*, XXVII (October, 1956), 367-70.

State Board of Education and Board of Trustees of the University of Connecticut. *A Study of the Problems Confronting Higher Education in Connecticut*. Hartford, Connecticut: State Board of Education, 1959.

STUDENT PERSONNEL SERVICES

"College Students' Career Choices," *School and Society*, LXXXV (October, 1957), 314.

Conway, Margaret I. "The Role of Disciplinary Action in Higher Education," *North Central Association Quarterly*, XXIX (April, 1955), 351-59.

Dvorak, Edward J. "School and College Health Services," *Review of Educational Research*, XXVI (December, 1956), 522-41.

Feingold, S. Norman. *Scholarships, Fellowships, and Loans*. Boston: Bellman Publishing Company, Inc., 1955.

Hardee, Melvene D. *The Faculty in College Counseling*. New York: McGraw Hill Book Company, 1959.

"How Great Is the Growth in College Food Service?" *College and University Business*, XXIII (November, 1957), 52-54.

Iffert, Robert E. "College Scholarship Funds--Investment or Speculation?" *Higher Education*, XIII (April, 1957), 143-46.

Jordan, Harold W. "Where Do They Eat? In Union Building or Residence Hall?" *College and University Business*, XXI (October, 1956), 54-56.

Ludlow, G. Glenn, and Barker, Kenneth. "College Placement: Some Facts and Observations," *North Central Association Quarterly*, XXXIII (January, 1959), 248-51.

APPENDIX A (Continued)

Mattingly, Richard C. Financial Aid for College Students: Graduate. U. S. Department of Health, Education, and Welfare; Office of Education. Bulletin 1957, No. 17. Washington: U. S. Government Printing Office, 1957.

Mattingly, Richard C. Scholarships and Fellowships: A Selected Bibliography. U. S. Department of Health, Education, and Welfare; Office of Education. Bulletin 1957, No. 7. Washington: U. S. Government Printing Office, 1957.

National Society for the Study of Education. Personnel Services in Education. 58th Yearbook. Edited by Nelson B. Henry. Chicago: University of Chicago Press, 1959.

Staton, Wesley M. "Relationship of Occupancy and Adequacy of Student Housing to Incidence of Acute Respiratory Conditions," Research Quarterly, XXVII (May, 1956), 229-34.

Stickler, W. Hugh. "Yes, Freshmen Do Better in Dorms," College and University Business, XXIV, No. 5 (May, 1958), 39-40.

Thistlethwaite, Donald L. "College-Scholarship Offers and the Enrollment of Talented Students," Journal of Higher Education, XXIX (November, 1958), 421-24.

Wilkins, Theresa B. Financial Aid for College Students: Undergraduate. U. S. Department of Health, Education, and Welfare; Office of Education. Bulletin 1957, No. 18. Washington: U. S. Government Printing Office, 1957.

STUDENTS

American Association of Collegiate Registrars and Admissions Officers. The Home State and Migration of American College Students: Fall, 1958. The Committee on Research and Service. Athens, Ohio: The American Association of Collegiate Registrars and Admission Officers, 1959.

Boykin, Leander L. "The Adjustment of 2,078 Negro Students," Journal of Negro Education, XXVI, No. 1 (Winter, 1957), 75-79.

Button, Daniel E. "New York's College Migration Problem," School and Society, LXXXV (October, 1957), 287-89.

Christensen, Harold T., and Swihart, Marilynn M. "Postgraduation Role Preferences of Senior Women in College," Marriage and Family Living, XVIII (February, 1956), 52-7.

"Cost of College Attendance," School and Society, LXXXV (June, 1957), 234.

Dearborn, Terry H. "Personal Health Knowledge of College Students Before Instruction," *Research Quarterly*, XXIX (May, 1958), 154-59.

Halladay, D. Whitney, and Andrew, Dean C. "Drop-Outs from Arkansas Colleges," *Personnel and Guidance Journal*, XXXVII (November, 1958), 212-13.

Hennis, G. M., and Ulrich, C. "Study of Psychic Stress in Freshman College Women," *Research Quarterly*, XXIX (May, 1958), 172-79.

Henry, John A. "The Problem of Potentially Gifted Freshmen," *Journal of Engineering Education*, XLIX (November, 1958), 101-7.

Hewer, Vivian H. "A Follow-up Study of 'Drop-Outs' from Engineering Training," *Selection and Counseling of Students in Engineering*. Ed. Wilber L. Layton. Minneapolis: University of Minnesota Press, 1954.

Holland, John L. "Prediction of Scholastic Success for a High Aptitude Sample," *School and Society*, LXXXVI (June, 1958), 290-93.

Hollis, Ernest V. "College Students' Budgets," *Association of American Colleges Bulletin*, XLIII (December, 1957), 595-601.

Hollis, Ernest V. *Costs of Attending College: A Study of Student Expenditures and Sources of Income*. U. S. Department of Health, Education, and Welfare; Office of Education, Bulletin 1957, No. 9. Washington: U. S. Government Printing Office, 1957.

Hollis, Ernest V. "Costs of Attending College," *Higher Education*, XIII (April, 1957), 141-43.

Hoyt, Donald P. "Size of High School and College Grades," *Personnel and Guidance Journal*, XXXVII (April, 1959), 569-73.

Iffert, Robert E. *Retention and Withdrawal of College Students*. U. S. Department of Health, Education, and Welfare; Office of Education. Bulletin 1958, No. 1. Washington: U. S. Government Printing Office, 1957.

Iffert, Robert E. "The Student Retention and Withdrawal Study," *College and University*, XXX (July, 1955), 406-11.

Johnson, Edward E. "Some Adjustment Problems of College Freshmen," *College and University*, XXXIV (Spring, 1959), 305-8.

Jones, Worth R. "Affective Tolerance and Typical Problems of Married and Unmarried College Students," *Personnel and Guidance Journal*, XXXVII (October, 1958), 126-28.

Kerr, Fred L. "Studies on the Freshman Class of 1956 at the University of Arkansas," *College and University*, XXXIV (Winter, 1959), 186-99.

Kirk, Barbara A. "Comparison of Transfer Students by Source of Origin with Entering Students on the College Qualification Test," Junior College Journal, XXIX (December, 1958), 218-21.

Koelsche, Charles L. "A Study of the Student Drop-out Problem at Indiana University," Journal of Educational Research, XLIX (January, 1956), 357-64.

Lathrop, Irvin T., and Kieffer, Thomas J. "College Achievement of Public Versus Private-High-School Graduates," The Clearing House, XXXIII (January, 1959), 299-302.

MacCurdy, Robert Douglas. "Characteristics of Superior Science Students and Their Own Sub-Groups," Science Education, XL (February, 1956), 3-24.

MacCurdy, Robert Douglas. "Characteristics of Superior Science Students," School Review, LXIV (February, 1956), 67-71.

Matteson, Ross W. "Self Estimates of College Freshmen," Personnel and Guidance Journal, XXXIV (January, 1956), 280-84.

Merrill, Reed M. "An Evaluative Study of Probation Students' Academic Performance in a University," Journal of Educational Research, XLVIII (September, 1954), 37-45.

Merrill, Reed M., and Osborn, Hal W. "Academic Over-Load and Scholastic Success," Personnel and Guidance Journal, XXXVII (March, 1959), 509-10.

Murray, Walter I., and Anthony, James K. "An Inventory of Student Opinions," Junior College Journal, XXVI (December, 1955), 224-27.

Ostlund, Leonard A. "Occupational Choice Patterns of Negro College Women," Journal of Negro Education, XXVI (Winter, 1957), 86-91.

Slocum, W. L. "Social Factors Involved in Academic Mortality," College and University, XXXII (Fall, 1956), 53-64.

Stephenson, Chester M., and Wilcox, Carol Gibbons. "Social Distance Variations of College Students," Sociology and Social Research, XXXIX (March, 1955), 240-41.

Stice, Glen; Mollenkopf, William G.; and Torgerson, Warren. A Study of the Factors Affecting the College-Going Plans of High Aptitude High School Seniors. Princeton, N. J.: Educational Testing Service, 1955.

Stickler, W. Hugh. A Study of Costs Undergraduate Students Incurred in in Attending Florida Institutions of Higher Education, 1954-1955. Tallahassee, Florida: Florida State University, 1956.

Summerskill, John, and Darling, C. Douglas. "Sex Differences in Adjustment to College," Journal of Educational Psychology, XLVI (October, 1955), 355-61.

APPENDIX A (Continued)

Warman, Roy E. "A Study of Applicants for Readmission to College," Personnel and Guidance Journal, XXXIV (May, 1956), 553-58.

"What Price College?" NEA Journal, XLVI (November, 1957), 543.

Yocum, Dale M., and Anderson, Kenneth E. "A Study of Exceptional Students Who Entered the University of Kansas in the Fall of 1954," Kansas Studies in Education. Lawrence, Kansas: University of Kansas, 1958.

MISCELLANEOUS

Csanyi, L. H. Parking Practices on College Campuses in the United States. Ames, Iowa: Iowa State College, 1958.

Eckert, Ruth E., and Keller, Robert J. (eds.). A University Looks at Its Program: The Report of the University of Minnesota Bureau of Institutional Research, 1942-1952. Minneapolis: University of Minnesota Press, 1954.

Folger, John K., and Sugg, Redding S., Jr. A Factbook on Higher Education in the South. Atlanta: Southern Regional Education Board, 1956.

Holland, John L. "Parental Expectations and Attitudes about Colleges," College and University, XXXIV (Winter, 1959), 164-70.

Humphrey, G. D. "Improved Status of Land-Grant Colleges," School and Society, LXXXVI (March, 1958), 135-36.

Umstattd, J. G. "Trends in Avowed Aims," Journal of Higher Education, XXVIII (March, 1957), 147-54.

U. S. Department of Health, Education, and Welfare; Office of Education. Statistics of Higher Education: 1955-56. Faculty, Students, and Degrees. (Biennial Survey of Education in the United States: 1954-1956. Chapter 4. Section I.) Washington: U. S. Government Printing Office, 1958.

U. S. Department of Health, Education, and Welfare; Office of Education. Statistics of Higher Education: 1955-56. Receipts, Expenditures, and Property. (Biennial Survey of Education in the United States: 1954-1956. Chapter 4. Section II.) Washington: U. S. Government Printing Office, 1959.

U. S. Department of Health, Education, and Welfare; Office of Education. Statistics of Land-Grant Colleges and Universities Year Ended June 30, 1957. Circular No. 541. Washington: U. S. Government Printing Office, 1959.

APPENDIX B

JOINT OFFICE OF INSTITUTIONAL RESEARCH
of the
AMERICAN ASSOCIATION OF LAND-GRANT COLLEGES AND STATE UNIVERSITIES
and the
STATE UNIVERSITIES ASSOCIATION

QUESTIONNAIRE ON INSTITUTIONAL RESEARCH

Please return to:

Dr. W. Hugh Stickler, Director
Institutional Research and Service
Florida State University
Tallahassee, Florida

TIME FACTOR. This information is needed immediately. Please return the completed questionnaire within 24 hours.

Name of Institution: ______________________

Name and Title of Respondent: ______________________

____

Note: Institutional research as referred to in this questionnaire pertains to research conducted on your campus which is directed toward providing data useful or necessary in the making of intelligent administrative decisions and for the successful maintenance, operation, and/or improvement of your institution. It includes the collection and analysis of data for self-study purposes which might be used in preparing the budget, assigning space in buildings, planning the educational program, determining teacher load, admitting students, individualizing instruction, planning new buildings, etc.

Institutional research as here used also includes studies conducted on your campus which pertain to a group (or groups) of institutions of which your college or university is one member (e.g., statewide, regional, or national studies which include your own institution).

PART I. Organization for Institutional Research

1. Please check the ONE of the following statements which most accurately describes the organization for institutional research at your institution.

   __a. There is an officer or committee whose main function it is to coordinate all institutional research which is conducted on this campus.

   Name and title of officer: ______________________
   OR
   Name of committee and name of chairman: ______________________

APPENDIX B (Continued)

_b. There is an officer or committee one of whose functions it is to coordinate institutional research conducted on this campus.

Name and title of officer:______________________________

OR

Name of committee and name of chairman:____________________

_c. Institutional research is carried out by several officers (or committees) in this institution. The findings may be used by the respective officers (or committees) in their own operations, or the reports may be distributed by the several officers (or committees) to various other personnel as the nature of the material suggests.

_d. There is very little institutional research conducted on this campus and, therefore, no formal organization of it has been established.

_e. Other (Please describe):______________________________

____

2. To whom do the officers (or committees) listed in item 1 report?_______
____

3. How and by whom are the institutional research studies initiated and how is the choice of projects determined?____________________
____

4. Is there an agency or committee which functions as an advisory committee on institutional research?___Yes ___No If so, what officers are represented on this committee?__________________________
____

   How do individuals become members of the agency or committee (e.g., elected by faculty, appointed, etc.)?________________________
   ____

5. Give the names and titles of persons responsible for the various categories of studies, like cost studies, space utilization studies, etc.___
____
____

6. How long has the present organization for institutional research been in effect?____

7. Give a brief description of any phase of the organizational structure for institutional research in your institution not already covered in

the above items.____

____

____

8. Have any changes in organization been made within the past five years? If so, describe:____

   ____

9. What changes, if any, in the present organization are contemplated for the near future?____

   ____

10. What, in your judgment, are the most pressing needs of the institutional research program in your institution?____________________________

    ____

    ____

11. Has your college or university made a comprehensive self study since World War II? ___Yes ___No. If so, when was it completed?____________

12. What cooperative projects, if any, of an institutional-research nature would you most like to see undertaken by AALGCSU-SUA?________________

    ____

    ____

PART II. Specific Studies

Please complete one of the enclosed forms for each institutional research study (i.e., each study which fits the definition of institutional research given on page 1) completed on your campus since January 1, 1958 or now under way. The following list suggests examples of the types of studies to be included, but is not meant to be all-inclusive.

1. Administration and Organization of the Institution. Studies of division of responsibility, relations between offices and departments, auxiliary enterprises (e.g., bookstore, laundry, etc.), relationships to governing boards, relationships with legislatures.

2. Admissions Policies. Studies of admission requirements, admissions counseling practices, admission of out-of-state students, follow-up of students denied admission or admitted but not enrolled, admissions testing programs.

3. Alumni and Former Students. Studies of occupations, earning power, public service, their reactions to the program of the institution, their financial support of the institution.

APPENDIX B (Continued)

4. Curriculum. Extent of curriculum, proliferation of courses and curricula, general education, relationships between liberal or general education and education for the professions, articulation with secondary curriculum.

5. Enrollment. Studies of projected enrollments, student-faculty ratios, college-age population analyses, trends.

6. Faculty. Studies of academic origins, educational preparation, retention and turnover, salaries, retirement plans, fringe benefits, teacher loads, tenure policies, academic freedom policies, conditions of employment, faculty needs in the future.

7. Finance. Budget analyses, unit cost studies, evaluations of tuition, fees, student charges, sources of non-public income.

8. Instructional Program, Methods, and Materials. Individualization of instruction, honors programs, teaching methods, assistantships, grade distributions and grading practices, educational television, teaching effectiveness in large and small classes, audio-visual education, evaluation of student progress, internships.

9. Library. Library holdings, appropriateness of collections, effectiveness of library services, student use of library.

10. Physical Plant and Facilities. Space utilization, class size studies, faculty housing, student housing, planning for academic buildings.

11. Public Services and Continuing Education. Consultation services, correspondence courses, extension services, short courses, adult education, uses of continuing education center.

12. Research Contributions. Studies of the contribution of the total research program and the value of the research, its effects on the quality of instructional programs, its effects on numbers of students who go on for advanced degrees, "research of research."

13. Statewide and/or Regional Coordination and Planning. Statewide studies of higher education, need for additional public institutions of higher education, plans for a statewide system of junior colleges, inter-institutional cooperation, regional planning for higher education.

14. Student Personnel Services. Guidance and counseling, food services, health services, extracurricular activities, job opportunities, scholarship and loan policies and practices, educational advantages of group living.

15. Students. Studies of origins, economic status, educational qualifications, withdrawals, non-resident students, cost of college attendance, attitude-value studies, marital status, migration.

16. All Other: Miscellaneous.

APPENDIX B (Continued)

PART III. Representative Studies

Will you please send us at once (address indicated at beginning of questionnaire) two to five study reports which you consider to be representative of the institutional research work going on in your institution? (If you wish us to do so and will so indicate, we shall be glad to return these materials to you on or about October 1, 1959.)

NOTE. Several of the items in this questionnaire are patterned after items appearing in a questionnaire prepared by the Western Interstate Commission for Higher Education. Grateful acknowledgement of this assistance is made.

APPENDIX C

SUMMARY INFORMATION CONCERNING SPECIFIC INSTITUTIONAL RESEARCH STUDY*

Name of Institution:________________

1. Title of study:____

____

2. If this study falls into one of the areas listed in Part II of the questionnaire, indicate the number of the category:________. If the study does not fall into one of these categories, indicate in a word or two the major area of activity toward which this study is directed:___

____

3. Name and title of the director of this study:________________________

____

4. Date (year) of completion of study. (If the study is incomplete, please indicate that it is still "In Progress".)________________________

5. Is this a recurring (e.g., annual or every semester) research project or one for a specific purpose and not likely soon to be repeated?_______

____

6. State the manner in which the data from this study have been or will be used:____

____

7. Have the results of this particular research study been published--or is publication anticipated? ___Yes ___No. If so, please give appropriate reference information (e.g., title, form of publication, publisher, name and date of periodical, etc.):________________________

____

8. Give a very brief description of the study indicating scope, methods used and (if not confidential) the major findings. (Use back of sheet if necessary.)____

____

____

____

*NOTE. Multiple copies of this reporting form were sent to each constituent institution.

APPENDIX D

REPRESENTATIVE INSTITUTIONAL RESEARCH STUDIES MADE IN LAND-GRANT INSTITUTIONS AND STATE UNIVERSITIES (January, 1958--July, 1959)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
ADMINISTRATION AND ORGANIZATION OF THE INSTITUTION	Alabama	University of Alabama	Report on Policy Making at Division and Departmental Levels
	California	UCLA	Future Campus Organization
	Delaware	University of Delaware	Revision of Accounting and Purchasing Procedures (B. J. Partridge)
	Idaho	University of Idaho	Future Expansion
		University of Idaho	Responsibilities of the University
	Illinois	University of Illinois	University of Illinois Statutes (R. Dangerfield)
	Maryland	University of Maryland	Report of an Advisory Committee Appointed to Recommend a Medical Service Plan for the School of Medicine and the University Hospital (A. O. Kuhn)
	Minnesota	University of Minnesota	A Study of Interdepartmental Relationships on the Minneapolis and St. Paul Campuses, University of Minnesota (E. N. Ringo)

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
ADMINISTRATION AND ORGANIZATION OF THE INSTITUTION (Continued)		University of Minnesota	The Summer Session Program, Its Nature and Development (J. E. Stecklein et al)
	Mississippi	Alcorn A and M College	General Administration (W. C. Nichols)
	Missouri	Lincoln University	Administrative Organization (J. D. Parks)
	New Jersey	Rutgers, The State University	Procedures and Methods Manual
	New Mexico	New Mexico State University	Big Plan Report on Administration-Faculty Relationship
	Puerto Rico	University of Puerto Rico	Administrative Organization of the University of Puerto Rico (B. D. Friedman)
		University of Puerto Rico	Record Management Study of the Central Administration and Rio Piedras Campus (R. Marquez)
	South Carolina	Clemson Agricultural College	Administration and Organization of the Institution
	Tennessee	Tennessee A and I State University	Revision of the Administrative Organization and the Academic Organization (W. S. Davis)
	Utah	Utah State University	Organization and Administration
	Wyoming	University of Wyoming	Organization Charts for the University of Wyoming

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
ADMISSIONS POLICIES	California	University of California (Berkeley)	Report of the Board of Admissions and Relations with Schools to the Academic Senate (H. A. Spindt)
		University of California (Berkeley)	The Selectivity at Point of Intake of American Higher Education as a Whole (Center for the Study of Higher Education)
	Colorado	Colorado State University	Summary and Breakdown of Applications for Admission Received and Statistical Questionnaires Returned (S. Morris)
		University of Colorado	University of Colorado Compared to Other Collegiate Institutions in Advance Registration
		University of Colorado	Summary of Data on Tuition and Fees and Admission Policies of State Universities
	Florida	University of Florida	Brief Report on the Florida State-Wide Twelfth Grade Testing Program
	Idaho	University of Idaho	Admissions Standards and Teaching
	Indiana	Purdue University	Admissions Policy (H. White)
	Kansas	Kansas State University	Size of High School and Academic Performance at Kansas State University (D. P. Hoyt)
		Kansas State University	An Exploratory Study of Potential Selective Admissions Criteria (D. G. Danskin and D. P. Hoyt)

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
ADMISSIONS POLICIES (Continued)	Louisiana	Southern University	Analysis of Freshman Testing Program, Southern University, 1958-59 (V. R. Goines)
	Michigan	Michigan State University	The Development of Selection Procedures for Admitting Students to the College of Veterinary Medicine (A. E. Juola)
		Michigan State University	The Development of Tables of GPA Expectancy from the Michigan State University Orientation Tests (A. E. Juola)
	Minnesota	University of Minnesota	Development of a Mathematics Test for Use in Determining Admission to the Institute of Technology (W. L. Layton et al)
		University of Minnesota	Persistence or Academic Survival of Freshmen
		University of Minnesota	Review of Admission Procedures and Requirements
	Mississippi	Alcorn A and M College	The Requirements for Admission and Graduation (J. A. Morris)
	Montana	Montana State College	The Prediction of Student Grades for Academic Divisions from Placement Tests and High School Preparation Data (A. W. Miller, Jr.)
	Nevada	University of Nevada	University of Nevada Official Statements on Admission Requirements

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
ADMISSIONS POLICIES (Continued)	New Hampshire	University of New Hampshire	A Study to Evaluate a Method of Establishing the Predictive Efficiency of Combinations of Admissions Criteria and Data (H. Carroll and P. McIntire)
	New Mexico	New Mexico State University	Big Plan Report on New Student Recruitment
		University of New Mexico	Selective Admission Policy
	Ohio	Miami University	The Relationship Between High School Performance and Academic Success at Miami (L. Siegel et al)
		Ohio University	Admissions; Drop-outs; Failures; Probation Action (G. Paulsen)
	Oregon	University of Oregon	Counseling and Guidance Services for Students Affected by University Selective Policy
	Puerto Rico	University of Puerto Rico	Follow-up Study of Students Admitted but Not Enrolled (P. Marcano)
	South Dakota	South Dakota State College	What Happened to Them? (R. Y. Chapman)
	Vermont	University of Vermont	Student Applications, Cancellation and Admission Patterns, Geographical Distribution and Freshmen Grade Analysis (H. Collins)
		University of Vermont	Study of High School Grades, Test Scores, College Entrance Scores and Other Criteria as to Their Value as Academic Performance Predictors (J. Huden)

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
ADMISSIONS POLICIES (Continued)	West Virginia	West Virginia University	West Virginia High School and College Transfer Averages (J. E. Long)
	Wisconsin	University of Wisconsin	The College-Preparatory Function in Wisconsin High Schools (E. A. King et al)
	Wyoming	University of Wyoming	Admissions Policies for the University of Wyoming (O. H. Rechard)
ALUMNI AND FORMER STUDENTS	Colorado	University of Colorado	Geographical Location of Industrial and Teaching Registrants in New Positions
	Delaware	University of Delaware	Placement Study of Graduates (G. M. Wyatt)
	Georgia	Fort Valley State College	Follow-up Study of Graduates of the Division of Agriculture (B. S. Anderson)
	Indiana	Purdue University	Study of Engineering Alumni (W. LeBold)
	Kansas	Kansas State University	Informational Survey of 1947 and 1952 Kansas State University Graduates (C. E. Peters)
	Michigan	Michigan State University	Study of the Attitudes of New Graduates (P. L. Dressel)
		Wayne State University	Current Occupations of Wayne's Professionally Trained Graduates (E. Holtorf)

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
ALUMNI AND FORMER STUDENTS (Continued)	Minnesota	University of Minnesota	A Follow-up Study of Graduates from the College of Veterinary Medicine (W. L. Layton)
	Mississippi	Alcorn A and M College	A Follow-Up Study of the Graduates (1941-1950) of Negro Land-Grant Colleges of the TVA Region (J. A. Morris)
		Alcorn A and M College	Alumni Records and Contacts (J. Holbrook)
	North Carolina	A and T College of North Carolina	A Review of the Occupational Status of Land-Grant College Graduates, 1941 to 1950 (B. W. Harris)
	Oklahoma	Langston University	A Historical Report of Langston University's Agricultural Graduates (H. J. Battle)
	Wisconsin	University of Wisconsin	Activities and Success of University of Wisconsin Graduates within Eight Years after Graduation (L. J. Lins)
CURRICULUM	Alabama	University of Alabama	Area Vocational Education Programs for Technicians (J. R. McLure)
		University of Alabama	Report of the Divisional Committee of the College of Arts and Sciences on the Major-Minor System
		University of Alabama	Report on Residence Requirements
	California	University of California (Berkeley)	The New Bachelor of Arts Program

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
CURRICULUM (Continued)		University of California (Berkeley)	Report to the Faculty of the College of Letters and Science by the Special Committee on Objectives, Programs, and Requirements
		UCLA	Review of Courses and Curricula
		University of California (Statewide)	A Study of the Need for an Additional School of Librarianship in Southern California
	Colorado	Colorado State University	Curriculum Revision
		University of Colorado	Analysis of Instructional Programs of the Colorado State-Supported Institutions of Higher Education
		University of Colorado	General Biology Analysis
		University of Colorado	Study of College of Engineering at the University of Colorado: Enrollment, Curriculum, Aims, and Objectives
		University of Colorado	Study of Physical Education and Inter-Collegiate Athletics
		University of Colorado	Study of the College of Engineering Curricula
	Delaware	University of Delaware	Proliferation of Courses (C. J. Rees)
	Florida	Florida State University	A Study of Curriculum Development in the Florida State University Since 1947

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
CURRICULUM (Continued)		Florida State University	Brief Survey of Curricular Requirements in Programs of Liberal Arts, Business, Home Economics, and Music in Several Selected Universities
	Georgia	Fort Valley State College	A Re-evaluation of the General Education Program (W. J. Lyda)
	Idaho	University of Idaho	Curriculum Study
	Illinois	University of Illinois	Pattern of Courses Offered for Graduation by the June, 1957, Graduates of the University of Illinois at Urbana (H. H. Bailey and G. Froehlich)
	Indiana	Purdue University	Curriculum Studies
	Iowa	State University of Iowa	Liberal Education and Professional Journalism Education: A Study of Curricular Structure (W. Wilcox)
	Kansas	Kansas State University	A Study of Courses and Curriculums in the School of Agriculture (D. Wilbur and G. B. Marion)
	Kentucky	Kentucky State College	Kentucky State College of the Future (W. S. Hall)
		University of Kentucky	The Curriculum--An Evaluation
	Louisiana	Louisiana State University	Courses Having Multiple Sections, First Semester, 1958-59 (A. Clary)

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
CURRICULUM (Continued)	Massachusetts	University of Massachusetts	Core Curriculum
		University of Massachusetts	Proliferation of Courses
	Michigan	University of Michigan	Planning and Development in the Division of Biological Sciences (E. L. Walker et al)
		Wayne State University	Course Patterns in Wayne's Undergraduate Professional Programs (R. E. Hubbard)
	Minnesota	University of Minnesota	Analysis of Course Offerings, Enrollments, Full-time Equivalent Teaching Faculty and Faculty Loads for Departments in the College of S. L. A., Fall, 1958
		University of Minnesota	Evaluation of Architectural Education and Registration (J. E. Stecklein)
	Missouri	Lincoln University	Curriculum Studies (J. H. Seeney)
	Montana	Montana State College	Service Course Study: Courses Offered by Non-Degree Granting Departments--Six Units of the University System (L. S. Thompson)
		Montana State University	Course Offerings (J. Hashisaki)
	Nevada	University of Nevada	Distribution of Course Offerings by Field of Study and by Course Level as Listed in 1958-1959 Catalog
	New Hampshire	University of New Hampshire	Study of University Curriculum and Teaching Methods (A. Kuusisto et al)

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
CURRICULUM (Continued)	New Mexico	New Mexico State University	Big Plan Report on Curriculum
		University of New Mexico	An Expanded Doctor of Science Program in Engineering
		University of New Mexico	Proposal for a Five-Year Program in Pharmacy
	Ohio	Miami University	Evaluation of the Common Curriculum (G. Fathaver and L. Siegel)
	Oklahoma	Langston University	Oklahoma Curriculum Development for Homemaking Education
	Oregon	University of Oregon	Analysis of Liberal Arts Programs for Graduates in Teacher Education
	Pennsylvania	Pennsylvania State University	The Effect of Remedial Algebra on Achievement in Analytic Geometry (M. L. Zeigler)
		Pennsylvania State University	Study of Undergraduate Course Offerings of the Pennsylvania State University (H. Schilling et al)
	South Dakota	South Dakota State College	Curricula Evaluation Committee: Final Report (M. L. Shane et al)
	Tennessee	Tennessee A and I State University	Revision of the Teacher Certification Programs (W. N. Jackson)
	Texas	A and M College of Texas	Curriculum Studies (H. L. Heaton et al)

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
CURRICULUM (Continued)	Utah	University of Utah	Analysis of Student Credit Hours Produced
		University of Utah	Distribution of Classes (L. H. Campbell)
		Utah State University	Study of Academic Colleges (L. M. Neuberger)
	Virginia	Virginia State College	A Study of the Elimination of Non-Credit Courses at the College Level by Using Five Hour Courses for Three Hours' Credit
	Wisconsin	University of Wisconsin	Academic Programs Currently Offered in Wisconsin Colleges and Universities
	Wyoming	University of Wyoming	Need for Non-Degree Programs at the University of Wyoming
ENROLLMENT	Alaska	University of Alaska	Enrollment Projections (R. R. Wiegman)
	Arizona	University of Arizona	Enrollment
		University of Arizona	Predicted Enrollments, University of Arizona: 1959-1970 (C. B. Merritt)
	Colorado	Colorado State University	Enrollment Projection (A. G. Clark)
		Colorado State University	Statistical Studies on Enrollment (S. Morris)
		University of Colorado	Complete Enrollment Statistics

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
ENROLLMENT (Continued)		University of Colorado	Complete Tabulations for 1958 Summer Session Enrollments
		University of Colorado	Degrees Granted by the Seven Colorado State-Supported Institutions of Higher Education
		University of Colorado	Estimate of Fall Enrollment by College, Sex, and Residency
		University of Colorado	Projection of Fall Enrollment for Ten to Fifteen Years Hence
		University of Colorado	Study of College of Engineering at the University of Colorado: Enrollment, Curriculum, Aims, and Objectives
	Delaware	University of Delaware	Student-Faculty Ratios (C. J. Rees)
	Florida	Florida State University	Analysis of Semester Hours Produced and Full-Time Equivalent Students Served On-Campus, by Extension, and by Bootstrap Offerings, in Each Academic Department and Each School, 1957-1958 School Year
		University of Florida	Estimated Number of Graduates 1959-60 (M. Mayberry)
	Hawaii	University of Hawaii	Prediction of Registration
	Illinois	University of Illinois	Projections of Enrollments in the University of Illinois for the Next 10 Years (E. F. Potthoff)

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
ENROLLMENT (Continued)	Indiana	Purdue University	Potential Enrollments for Indiana Colleges and Universities, 1955-1970 (N. Parkhurst)
	Iowa	State University of Iowa	A Study of Graduate Degrees Awarded During the Decade 1948-1957 (T. McCarrel)
	Kansas	University of Kansas	Forecasting University of Kansas Enrollments (K. E. Anderson)
	Louisiana	Louisiana State University	Estimate of Enrollment (A. Clary)
		Louisiana State University	Louisiana State University Enrollment Summaries for the First Semester, 1958-59
	Massachusetts	University of Massachusetts	Enrollment
	Michigan	University of Michigan	Statistical Projections of Future Enrollments at the University of Michigan, 1958-1973
	Minnesota	University of Minnesota	Analysis of Course Offerings, Enrollments, Full-Time Equivalent Teaching Faculty and Faculty Loads for Departments in the College of S. L. A., Fall, 1958
		University of Minnesota	Attendance Forecasts, Fall Term (R. E. Summers)
		University of Minnesota	Fifth Annual Survey of Minnesota Colleges and University Enrollments (J. E. Stecklein)

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
ENROLLMENT (Continued)		University of Minnesota	Student Credit-Hour Forecasts (R. E. Summers)
	Mississippi	University of Mississippi	Enrollment Predictions for the University of Mississippi (R. B. Ellis)
	Montana	Montana State College	Enrollment Statistics; Predictions (L. Thompson)
		Montana State University	Enrollment Forecast (J. Hashisaki)
	Nevada	University of Nevada	Enrollment Study (and Summaries) (W. R. Wood)
	New Hampshire	University of New Hampshire	A Survey of Enrollment Prospects at the University of New Hampshire
	New Mexico	University of New Mexico	Estimates in Relation to Projected New Mexico Growth
	Oklahoma	Oklahoma State University	Projections of Oklahoma State University Enrollments to 1970 (L. F. Miller)
		University of Oklahoma	Enrollment Trends, Space Utilization (J. Fellows)
	Oregon	Oregon State College	Study of Projected Enrollments (C. V. Langton)
		University of Oregon	Predicting the Number of Freshmen; Predicting Total Enrollments
		University of Oregon	Prediction of Enrollment in Higher Education in Oregon

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
ENROLLMENT (Continued)	Puerto Rico	University of Puerto Rico	Projection of Enrollment for 1959-60 (M. Dubner)
	Rhode Island	University of Rhode Island	Analysis of Estimated Enrollment at the University of Rhode Island and Rhode Island College of Education, 1959-1965 (E. F. Hallenbeck)
	South Carolina	Clemson Agricultural College	Post-War Enrollment Trends
	South Dakota	South Dakota State College	Comparison of College Age Population in South Dakota, and Enrollment at State College (A. Christensen)
		State University of South Dakota	Potential Population at the State University of South Dakota (F. J. Petersen)
	Utah	University of Utah	Analysis of Enrollment
		University of Utah	An Analysis of Future Enrollment in Utah's Colleges
		University of Utah	High School Enrollments and Graduations
		Utah State University	Enrollment
	Washington	State College of Washington	Enrollment Trends and Estimates (C. Simpson)
		University of Washington	Student-Faculty Ratios (H. Jacobsen)
	West Virginia	West Virginia University	Projected Enrollment to 1970 (J. E. Long)

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
ENROLLMENT (Continued)	Wisconsin	University of Wisconsin	Degrees Granted by Wisconsin Colleges and Universities
		University of Wisconsin	Higher Education Enrollments in Wisconsin--1930-1970
		University of Wisconsin	Population Changes and Their Implication for Higher Education in Wisconsin
		University of Wisconsin	Projected Capacity of the Private Institutions of Higher Education in the State of Wisconsin
		University of Wisconsin	Wisconsin Population Trends
FACULTY	Alabama	Alabama Polytechnic Institute	Personnel Practices in Colleges and Universities (W. D. Poore)
		Alabama Polytechnic Institute	Policies Relating to Outside Employment of Faculty and Staff (D. W. Mullins)
		University of Alabama	Report on Conditions of Employment
		University of Alabama	Report on Faculty Duties, Qualifications, and Responsibilities
		University of Alabama	Report on Faculty Loads
		University of Alabama	Report on Research and Professional Publications

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
FACULTY (Continued)		University of Alabama	Report on Sabbatical Leaves
		University of Alabama	Sickness and Accident Benefits at the University
	Alaska	University of Alaska	Teaching Load Evaluation (C. Sargent)
	Arizona	University of Arizona	Retirement and Insurance
		University of Arizona	Salary Studies
		University of Arizona	Teaching Load
	Arkansas	University of Arkansas	Faculty and Administrative Salaries (S. Grout)
		University of Arkansas	Reasons for Resignations of Faculty and Staff (S. Grout)
	Colorado	Colorado State University	A Statistical Description of Certain Aggregate Characteristics of the Faculty of Colorado State University, 1958-59 (A. G. Clark)
		Colorado State University	Salary Data Exchange
		Colorado State University	Teaching Hour Report (A. G. Clark)
		University of Colorado	A Statistical Analysis of Selected Characteristics of the Faculty of the University of Colorado
		University of Colorado	Class Size, Teaching Load Study

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
FACULTY (Continued)		University of Colorado	Faculty Salaries for the University of Colorado: A Comparison of Current Salaries with Those of Comparable Universities
		University of Colorado	Report of the Committee on Academic Freedom
	Delaware	University of Delaware	Faculty Teaching Loads (C. J. Rees)
	Florida	Florida State University	A Brief Study of the Instructional Faculty of the Florida State University: 1958-59
		Florida State University	A Study of Salaries Paid the Teaching Faculties at the University of Florida and at the Florida State University during the Fiscal Year 1958-59
		Florida State University	A Survey of Sabbatical Leave Policies and Practices in State Universities and Land-Grant Institutions: 1957-58
		Florida State University	Time Utilization Analysis: Faculty Engaged in Teaching
	Hawaii	University of Hawaii	Analysis of Salaries
		University of Hawaii	Teaching Load
	Idaho	University of Idaho	Efficiency of Use of Personnel (D. A. Marshall)
	Illinois	University of Illinois	Extent of Staff Turnover in the University
		University of Illinois	The Intellectual Climate of the University--Report on the President's Second Faculty Conference (R. Dangerfield)

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
FACULTY (Continued)	Indiana	Purdue University	Rating of Instructors (H. Remmers)
	Kansas	Kansas State University	Faculty Load Reports (A. L. Pugsley)
		Kansas State University	Rank and Degree Qualifications (A. L. Pugsley)
		Kansas State University	Retirement Benefits and Costs (D. D. Beatty)
	Kentucky	University of Kentucky	Composition and Role of the University Faculty
		University of Kentucky	Faculty Health Services
		University of Kentucky	Health and Insurance Study
		University of Kentucky	Personnel Summary
		University of Kentucky	Salaries
	Louisiana	Louisiana State University	L. S. U. Salary Studies for the 1958-59 Session (A. Clary)
	Maryland	University of Maryland	Instructional Load of the Faculty 1953-54--1958-59 (P. Welsh)
	Massachusetts	University of Massachusetts	Faculty Profile
	Michigan	University of Michigan	Teaching Loads of Faculty Members. Fall Semester, 1957-58
		Wayne State University	Faculty Mobility Analysis (R. E. Hubbard)

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
FACULTY (Continued)	Minnesota	University of Minnesota	Analysis of Course Offerings, Enrollments, Full-Time Equivalent Teaching Faculty and Faculty Loads for Departments in the College of S. L. A., Fall, 1958 (E. N. Ringo)
		University of Minnesota	An Exploratory Study of Factors Influencing the Choice of College Teaching as a Career (J. E. Stecklein and R. E. Eckert)
		University of Minnesota	A Study of Faculty Attraction and Retention at the University of Minnesota (J. E. Stecklein)
		University of Minnesota	Budget Salary Analysis (C. B. Grygar)
		University of Minnesota	College and University Faculty Members Characteristics Project: College Teaching Careers as Seen by Top-level College Seniors (J. E. Stecklein)
		University of Minnesota	College and University Faculty Members Characteristics Project: Study of Interest Patterns (J. E. Stecklein)
		University of Minnesota	Faculty Time Study (J. E. Stecklein)
		University of Minnesota	Salary Equalization Study (C. B. Grygar)
		University of Minnesota	Summer Session Faculty Survey (J. Stecklein et al)
		University of Minnesota	Teaching Load Report (Course Inventory) (V. L. Ausen)

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
FACULTY (Continued)	Mississippi	Alcorn A and M College	Remuneration and Tenure of the Faculty (C. Tellis)
		Alcorn A and M College	Training and Development of the Faculty (H. Purnell)
		University of Mississippi	Faculty Characteristics--Degrees and Origin (J. B. Morris)
		University of Mississippi	Faculty Characteristics--Why Faculty Accept Employment at the University (J. B. Morris)
		University of Mississippi	Faculty Work Load and Scholarly Productivity (J. B. Morris)
	Montana	Montana State College	Salary Comparisons (With Other Units of Higher Learning) in Montana (C. W. Jensen)
		Montana State University	Teaching Load
	Nevada	University of Nevada	Characteristics of the Faculty (W. R. Wood)
		University of Nevada	Faculty Organization Plan
		University of Nevada	Personnel Policy and Procedure for the Professional Staff
		University of Nevada	Regulations on Tenure and Academic Freedom
	New Jersey	Rutgers, The State University	Faculty Load Report

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
FACULTY (Continued)		Rutgers, The State University	Work Load Report for Teaching Assistants, Research Assistants and Research Fellows
	New Mexico	New Mexico State University	Big Plan Report on Faculty-Student Relationships
		New Mexico State University	Faculty Teaching Load (W. B. O'Donnell)
		University of New Mexico	A Report by the Faculty Club Committee
		University of New Mexico	Essential Features of Your Major Medical Insurance Plan
		University of New Mexico	Faculty Loss During 1956-58
		University of New Mexico	Faculty Salaries
		University of New Mexico	New Sabbatical Leave Policy
		University of New Mexico	Problems of Future Faculty Staffing
		University of New Mexico	Sources of New Faculty
		University of New Mexico	Tabulation of Degrees Held by Faculty
		University of New Mexico	Teaching Loads Policy
	New York	Cornell University	Economic Status of Faculty (P. L. McKeegan)
		Cornell University	Health Insurance (H. H. Peterson)

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
FACULTY (Continued)		State University of New York	Instructional Staff; State University of New York and Community Colleges; Fall, 1958
		State University of New York	Staffing Patterns of Community Colleges (T. Shea)
	Oklahoma	Oklahoma State University	Means of Reporting Faculty Service (M. Scherich)
		Oklahoma State University	The Utilization of the Faculty for Instruction (M. Scherich)
		University of Oklahoma	Faculty Salaries, Retirement, Fringe Benefits, Budget Analyses, Cost Studies, Tuition, Fees, etc. (R. C. Cate)
	Oregon	Oregon State College	Faculty Salaries (G. B. Wood)
	Pennsylvania	Pennsylvania State University	Development of Criteria for Evaluating Faculty Performance (R. E. Stover)
		Pennsylvania State University	Development of a Faculty Performance Assessment System
		Pennsylvania State University	Faculty and Other Professional Staff (W. F. Christoffers)
		Pennsylvania State University	Student-Faculty Ratio (W. F. Christoffers)
		Pennsylvania State University	Study of Distribution of Faculty Ranks in Departments and Colleges of the University (C. R. Carpenter)

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
FACULTY (Continued)		Pennsylvania State University	University Salary Study (W. F. Christoffers)
	South Carolina	Clemson Agricultural College	Tenure Policy (J. K. Williams)
	South Dakota	State University of South Dakota	Potential Retirement Program for the Employees of the State University of South Dakota (G. R. Driscoll)
		State University of South Dakota	Teaching Loads in the College of Arts and Sciences (E. W. Harrington)
	Tennessee	Tennessee A and I State University	Tenure of the Faculty (C. M. Hill)
	Utah	University of Utah	Teaching Loads and Full-Time Equivalents (FTE) (L. H. Campbell)
		Utah State University	Analysis of Salaries
		Utah State University	Retirement Plans and Fringe Benefits
		Utah State University	Service Load Study (L. Neuberger and E. H. Himes)
		Utah State University	Staff Evaluation
	Vermont	University of Vermont	Faculty Fringe Benefits
		University of Vermont	Faculty Loads (L. S. Rowell)

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
FACULTY (Continued)	Washington	State College of Washington	Preparation of Salary Distribution (S. T. Stephenson)
		State College of Washington	Study of the Teaching Load (S. T. Stephenson)
		University of Washington	Average Faculty Salaries (H. Jacobsen)
	West Virginia	West Virginia University	Analysis of Faculty Salaries (L. Keener)
		West Virginia University	Faculty and Staff Insurance (L. H. Brown)
	Wisconsin	University of Wisconsin	Salary Study: University of Wisconsin and State Colleges
	Wyoming	University of Wyoming	Determination of Number of Full-Time Teaching Faculty
		University of Wyoming	Possibility of Providing Additional Aid for Independent Research of Faculty Members
		University of Wyoming	University Regulations Governing Nepotism, Retirement, and Tenure of Married Women
FINANCE	Arkansas	University of Arkansas	Comparison of University of Arkansas Fees with Other Institutions (S. Grout)
		University of Arkansas	Instructional Budget Analysis (S. Grout)
	California	University of California (Statewide)	California-Big Ten Follow-Through on Costs and Statistical Studies

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
FINANCE (Continued)		University of California (Statewide)	Cost and Expenditure Analyses
	Colorado	University of Colorado	Analysis of Budgets for the Seven Colorado State-Supported Institutions of Higher Education, Including Computation of Unit Expenditures, Identification of Patterns of Income and Expenditures, Etc.
		University of Colorado	A Fiscal Summary and Analysis of the Program Affecting General Fund Appropriations for the Colorado State-Supported Institutions of Higher Learning
		University of Colorado	Proposed Plan of "System Financing"--Study to Determine Feasibility of Consolidating All Housing Units, Present and Future, Debt-Free and Otherwise, into One Open-End Indenture Series (K. Thurston)
		University of Colorado	Compilation of Details of Gifts to the University in the Establishment of Endowment Funds or Funds Functioning as Endowment, and of Annual Gifts Yielding Scholarships and Fellowships
		University of Colorado	Intradepartmental Budget Study
		University of Colorado	Summary of Data on Tuition and Fees and Admission Policies of State Universities

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
FINANCE (Continued)	Delaware	University of Delaware	Routine Procedure (Budget) (D. W. Wood)
		University of Delaware	Summary of Class Size, Teaching Loads, and Instructional Costs
		University of Delaware	University Portfolio Analysis (W. J. Beadle)
	Florida	Florida State University	Cost of Instruction and Factors Related to Instructional Cost (E. Eikman)
		Florida State University	Toward a Great University: The Florida State University 1959-1961 Budget Request
		University of Florida	Cost Study (R. B. Mautz)
	Illinois	University of Illinois	Estimated Costs of Salary and Equipment, and Needs for Space that Would Be Involved in Adding Senior College Programs at the Chicago Undergraduate Division of the University
		University of Illinois	The Teaching Salary Costs of Instruction in the Six-State-Supported Institutions of Higher Learning in Illinois by Departments and by Course Levels
		University of Illinois	University Staff Activity Report (E. F. Potthoff)
	Iowa	State University of Iowa	Tuition Changes in State-Supported Institutions of Higher Education (Stuit, Parks, and Pendergast)

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
FINANCE (Continued)	Indiana	Purdue University	Cost Studies (J. W. Hicks)
	Kansas	Kansas State University	Physical Plant Operational Costs (R. F. Gingrich)
	Louisiana	Louisiana State University	Cost of Instruction (A. Clary)
	Maine	University of Maine	Budget Indices: Showing Percentage Increases in the Budget by Category Compared with 1949-50
	Massachusetts	University of Massachusetts	Unit Cost Studies
	Michigan	Michigan State University	Survey of Costs of Instruction and Faculty Load (T. H. McKinney)
		Wayne State University	Wayne State University Education and General Costs Per Student Credit Hour for 1957-58 (R. Peden)
	Minnesota	University of Minnesota	Survey of Sources of Support for Football Marching Bands in Western Conference Universities, 1957-58 (J. E. Stecklein)
	Mississippi	Alcorn A and M College	Financial Support and Educational Expenditures (E. E. Simmons)
	Montana	Montana State University	Per-Capita Cost of Students (J. Hashisaki)
	New Hampshire	University of New Hampshire	Cost of Instruction for In-State Versus Out-of-State Students (E. D. Eddy)
		University of New Hampshire	Millage Study (E. D. Eddy et al)

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
FINANCE (Continued)	New Mexico	University of New Mexico	Comparative Study of Expenditures Per Credit Hour Student
	New York	State University of New York	Comparison of Tuition and Fees at Colleges of State University of New York (C. Gibney)
	Oregon	Oregon State College	Comparative Costs per Student-Credit-Hour (G. M. Robertson)
	Pennsylvania	Pennsylvania State University	Annual All-University Budget (W. R. Shenk)
		Pennsylvania State University	Annual Financial Report (W. F. Christoffers)
		Pennsylvania State University	Annual Sources of Income and Expenditures (W. F. Christoffers)
		Pennsylvania State University	Biennial All-University Budget (W. R. Shenk)
		Pennsylvania State University	Financial Statistics of Institutions of Higher Education (W. F. Christoffers)
		Pennsylvania State University	Instructional Unit Costs (W. F. Christoffers)
		Pennsylvania State University	Personnel and Salary Report for Insurance Purposes (W. F. Christoffers)
		Pennsylvania State University	Student Fees and Charges (W. F. Christoffers)
	Puerto Rico	University of Puerto Rico	Budget Analysis (L. A. Ortega)

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
FINANCE (Continued)	South Dakota	State University of South Dakota	Cost of Instruction per Student in the College of Arts and Sciences (E. W. Harrington)
	Texas	A and M College of Texas	Cost Study of Teaching Program (W. C. Freeman)
	Utah	University of Utah	Costs per Student Credit Hour (L. H. Campbell)
	Washington	State College of Washington	Direct Instructional Cost by Departments (V. L. Shelton)
		State College of Washington	Limited Comparisons and Statistics of Land-Grant Colleges (C. A. Pettibone)
	Wisconsin	University of Wisconsin	Economic and Educational Relationships Between Wisconsin and the United States
		University of Wisconsin	The Financial Support of Higher Education
INSTRUCTIONAL PROGRAM, METHODS, AND MATERIALS	Alabama	Alabama Polytechnic Institute	Distribution of Grades by School and Departments; Grade Averages by Classes, Curricula and Student Units, Spring Quarter, 1958 (C. W. Edwards)
		University of Alabama	Evaluation of Teaching Accounting with Closed-Circuit Television
		University of Alabama	Evaluation of Teaching English with Closed-Circuit Television
		University of Alabama	Evaluation of Teaching Trigonometry with Closed-Circuit Television

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
INSTRUCTIONAL PROGRAM, METHODS, AND MATERIALS (Continued)		University of Alabama	Freshman Placement Test
		University of Alabama	Grade Distribution by Departments
		University of Alabama	Honors Program (Dentistry)
		University of Alabama	Report on Audio Visual Services
		University of Alabama	Report on Admission with Advanced Standing
		University of Alabama	Report on Exemptions [from Course Requirements]
		University of Alabama	Report on Honors Program
		University of Alabama	Report on Quality of Teaching
		University of Alabama	Report on Requiring **Educational Psychology 01** of Certain Freshmen
		University of Alabama	Report on Teaching Loads of Graduate Students
		University of Alabama	Report on the Program for Retesting in English Competency
	Arizona	University of Arizona	Teaching Methods
	California	UCLA	Distribution of Grades (W. T. Puckett)
		UCLA	Use of TV in Teaching Fluid Mechanics (R. Bretz)

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
INSTRUCTIONAL PROGRAM, METHODS, AND MATERIALS (Continued)	Colorado	University of Colorado	Analysis of Instructional Program of the Colorado State-Supported Institutions of Higher Education
		University of Colorado	Grade Averages, Number of Hours of Work Attempted, Completed, etc., by Each Student in the College of Arts and Sciences
	Delaware	University of Delaware	Grade Distribution Study: First Semester, 1958-59 (R. Gebhardtsbauer)
	Florida	Florida A and M University	Exploratory Investigation of Perceptual Reactions of Southern Undergraduate Negroes to Visual Materials Depicting Various Groupings of Ethnic Subjects (T. B. Cooper)
		Florida A and M University	The Guidance Implications of Thesis Writing (A. A. Abraham)
		Florida State University	A Study of Grades Earned by First Time Florida Freshmen in Relation to Florida Statewide Twelfth Grade Testing Program Scores, American Council on Education Psychological Examination Scores, and High School Records: Fall Semester, 1957-58
		Florida State University	Relationships Between Graduate Record Examination Aptitude Test Scores and Academic Achievement in the Graduate School of the Florida State University

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
INSTRUCTIONAL PROGRAM, METHODS, AND MATERIALS (Continued)		Florida State University	Supplement to the Study of Grading Practices in the Florida State University, Spring, 1956 through Spring, 1958
		University of Florida	Grading in the University College (J. V. McQuitty)
		University of Florida	Study of Summer School Program and Operation (R. B. Mautz)
	Idaho	University of Idaho	Efficiency of Use of Personnel
	Illinois	University of Illinois	Planning and Research in Instructional Television (J. R. Shipley)
	Indiana	Purdue University	Educational Television (W. Seibert)
	Iowa	Iowa State University	Averages of Undergraduates, Spring Quarter, 1959 (A. M. Gowan)
		Iowa State University	Distribution of Marks (A. M. Gowan)
		State University of Iowa	Report of Distribution of Grades, First Semester, 1958-59
	Kansas	Kansas State University	Honors Program for the School of Agriculture (K. Anderson)
		Kansas State University	Grade Distributions (A. L. Pugsley)

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
INSTRUCTIONAL PROGRAM, METHODS, AND MATERIALS (Continued)	Maryland	University of Maryland	The Prediction of Academic Success in the Freshman Year (J. W. Gustad)
	Massachusetts	University of Massachusetts	Educational Television
		University of Massachusetts	Grade Distributions and Grading Practices
		University of Massachusetts	Honors Programs
		University of Massachusetts	Pilot Studies on the Effectiveness of Teaching Large Classes
	Michigan	Michigan State University	An Empirical Model for the Corroboration of Suspected Cheating on Multiple-Choice Tests (J. L. Saupe)
		Michigan State University	Effect of Hospitalization on Academic Performance of College Students (J. L. Saupe)
		Wayne State University	Grading Practices at Wayne State University (R. E. Hubbard)
		Wayne State University	Graduate Marking Systems in Selected U. S. Universities (R. E. Hubbard)
		Wayne State University	Statistical Analyses of University Personnel and Programs (R. E. Hubbard)
	Minnesota	University of Minnesota	Effectiveness of Closed Circuit Television in Teacher Education (R. J. Keller)

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
INSTRUCTIONAL PROGRAM, METHODS, AND MATERIALS (Continued)		University of Minnesota	The Use of Dental Assistants in the Training of Dental Students
	Mississippi	University of Mississippi	The Effectiveness of a Pre-Chemistry Course in Preventing Failures in Chemistry (J. B. Morris)
	Missouri	Lincoln University	The Quality of Instruction (O. J. Chapman)
	Montana	Montana State College	Research Concerning Closed Circuit Television Instruction in College Chemistry (A. W. Miller, Jr, et al)
	New Hampshire	University of New Hampshire	Comparison of Student and Faculty Goals (F. M. Jervis)
	New Mexico	New Mexico State University	Big Plan Report on Improvement of Instruction
		University of New Mexico	Advanced Placement Program
		University of New Mexico	Educational Television
		University of New Mexico	Statewide High School Test Scores and Academic Success at the University of New Mexico (A. A. Wellck)
	North Carolina	A and T College of North Carolina	The Correlating of Test Content with the Specific Objectives of a Course in Adolescent Psychology (C. R. Stevenson)

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
INSTRUCTIONAL PROGRAM, METHODS, AND MATERIALS (Continued)		A and T College of North Carolina	The Prognostic Value of Certain Factors Contributing to Academic Success and Failure in the General College of the North Carolina Agricultural and Technical College (C. L. Hayes)
		A and T College of North Carolina	The Use of the Pre-Test to Improve Instruction (W. A. Blount)
	Ohio	Miami University	Load Credit for TV Teaching (F. G. Macomber and L. Siegel)
		Miami University	Teacher Subjectivity in Interpreting the Results of Objective Achievement Tests (L. Siegel and J. F. Adams)
		Miami University	The Effectiveness of University Level Instruction Given to Superior High School Students (F. G. Macomber et al)
		Miami University	The Relative Effectiveness of Large Group Instructional Procedures (F. Macomber and L. Siegel)
	Oklahoma	Oklahoma State University	Cost of Closed-Circuit Television Installation and Maintenance and of Its Use in Instruction (J. C. Fitzgerald)
		University of Oklahoma	Instructional Program (P. K. McCarter)
	Oregon	University of Oregon	Educating Oregon's Teachers (M. Wattles and H. Osibov)

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
INSTRUCTIONAL PROGRAM, METHODS, AND MATERIALS (Continued)		University of Oregon	Effect on Student Learning of Self-Testing Exercises Compared with Graded Quizzes
		University of Oregon	Effect on Student Learning of the Utilization of Kodachrome Slides for Orientation, Discussion and Quizzing in Laboratory Work
		University of Oregon	Effect on Student Learning of Two Alternative Uses of Laboratory Time
		University of Oregon	Grading of Graduate Students
		University of Oregon	Laboratory Teaching Effectiveness of Three Types of Pairs of Instructors
	Pennsylvania	Pennsylvania State University	A Critique on the Reports on Instructional Television Research (A. C. Richer et al)
		Pennsylvania State University	Analysis of Courses Taught in Multiple Sections (W. F. Christoffers)
		Pennsylvania State University	An Investigation of Closed-Circuit Television for Teaching University Courses (C. R. Carpenter and L. P. Greenhill)
		Pennsylvania State University	A Study of the Audience Reactions to the Television Broadcast of Sociology 1 (J. Hundleby)

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
INSTRUCTIONAL PROGRAM, METHODS, AND MATERIALS (Continued)		Pennsylvania State University	A Study of the Immediate and Future Needs of the Pennsylvania State University for Electronic Digital Computer Facilities (J. B. Bartoo and F. R. Hartman)
		Pennsylvania State University	Report of Subcommittee on an Honors Program for Superior Students (P. S. Klein et al)
		Pennsylvania State University	The Systematic Involvement of University Students in Teaching-Learning Functions in Major Academic Areas and in Large Classes Taught by Television (Pyramid Project) (R. Davage)
	South Carolina	Clemson Agricultural College	Grade-Point Ratios of Graduates of 1953, 1954, 1955, 1956, 1957, and 1958
	South Dakota	State University of South Dakota	Grade Distribution within the College of Arts and Sciences (E. W. Harrington)
		State University of South Dakota	The Cost and Potential of Low-Power Television at the State University of South Dakota (E. Slack)
	Texas	Prairie View A and M College	Effective Utilization of Staff (A. I. Thomas)
	Utah	Utah State University	Grade Distribution Among Students at Utah State (A. Beecher)
	Vermont	University of Vermont	Freshmen English Grades (S. M. Bogorad)

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
INSTRUCTIONAL PROGRAM, METHODS, AND MATERIALS (Continued)	Virginia	Virginia Polytechnic Institute	Improvement of Instruction (W. D. Lowry)
		Virginia State College	A Study of Students Enrolled in Remedial Courses at Virginia State College (C. Payton)
	Washington	State College of Washington	Grade Distribution (S. T. Stephenson)
		State College of Washington	New Techniques in Teaching
		State College of Washington	Small Classes
	Wyoming	University of Wyoming	Experiments in Teaching Designed to Improve Fuller Utilization of Faculty Resources (L. L. Smith)
		University of Wyoming	University Television Project (O. H. Rechard)
LIBRARY	Alabama	University of Alabama	Report on Library Guide for Students
	Alaska	University of Alaska	Study of Library (C. Hintz)
	California	University of California (Berkeley)	Adequacy of the University's Library Collections for Current Research (D. Coney)
		University of California (Berkeley)	Campus Library Survey (D. Coney)
		University of California (Berkeley)	Library Building Program Review (D. Coney)

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
LIBRARY (Continued)		University of California (Berkeley)	Newspaper Microfilm Project and Newspaper Preservation Fund Study (G. Piternick)
		University of California (Berkeley)	University of California Library Annual Minimum Salary Survey (M. A. Milczewski)
	Illinois	University of Illinois	Library Acquisition Policy Statement (R. Downs)
	Kentucky	University of Kentucky	The Libraries--Emphases on the Undergraduate Library and Physical Facilities
	Mississippi	Alcorn A and M College	The Library (W. Dacus)
	North Carolina	North Carolina State College	Report of a Survey of the Libraries of the North Carolina State College (W. Jesse and R. Ringo)
	Oklahoma	University of Oklahoma	University Library (A. McAnally)
	South Carolina	Clemson Agricultural College	Clemson College Library
	Vermont	University of Vermont	Library Facilities (M. Haviland)
PHYSICAL PLANT AND FACILITIES	Alabama	University of Alabama	Report on Library and Laboratory Facilities
	Alaska	University of Alaska	Class Size Study (K. E. Young)
		University of Alaska	Space Utilization Study (C. Sargent)

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
PHYSICAL PLANT AND FACILITIES (Continued)	Arizona	University of Arizona	Planning, Space Utilization, Housing
	Arkansas	University of Arkansas	Capital Need Survey (P. Mila and J. Imkoff)
		University of Arkansas	Class Size, Fall, 1958 (S. Grout)
		University of Arkansas	Survey of Instructional Facility Use, Fall Semester, 1957-58 and 1958-59 (S. Grout)
		University of Arkansas	Use of General Purpose Classrooms, Fall, 1958 (S. Grout)
	California	UCLA	Housing and Transportation Survey (R. Nudd)
		UCLA	Long Range Development Plan for the University of California, Los Angeles (W. G. Young et al)
	Colorado	Colorado State University	Dormitory Applications and Housing Capacity Statistics (J. A. Brown)
		Colorado State University	Space Utilization and Class Size (J. E. Hickman)
		University of Colorado	Classroom Space Assignments and Needs: Arts and Sciences and Engineering
		University of Colorado	Class Size, Teaching Load Study
		University of Colorado	Housing Division Administration Office Requirements: Study to Determine Need for Construction of Apartment Units for Married Students

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
PHYSICAL PLANT AND FACILITIES (Continued)		University of Colorado	Inventory and Utilization Analysis of the Physical Plant Facilities of the Seven Colorado State-Supported Institutions of Higher Education
		University of Colorado	Number of Students in Each Class Distributed Among the Colleges on the Boulder Campus
		University of Colorado	Proposed Plan of "System Financing"--Study to Determine Feasibility of Consolidating All Housing Units, Present and Future, Debt Free and Otherwise, into One Open-End Indenture Series (K. Thurston)
		University of Colorado	Residence Hall Housing in Selected Colleges and Universities in the United States
		University of Colorado	Study of Housing Needs for Single Students
		University of Colorado	Study on Discrimination in Housing in Universities
		University of Colorado	Study on Student Housing and Its Programming (Primarily Concerned with Residence Halls)
		University of Colorado	Survey of Past, Present, and Future Sorority Building Progress
		University of Colorado	Survey of Student Directors in the Women's Residence Halls Regarding Suggestions for Program and Building Design

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
PHYSICAL PLANT AND FACILITIES (Continued)	Delaware	University of Delaware	A 15-Year Forecast of Students, Staff and Facilities for the University of Delaware (G. Foster et al)
		University of Delaware	Forecast of Building and Land Needs, 1959-60 (B. J. Partridge)
	Florida	Florida State University	A Progress Report on Dealing with Small Classes in the Florida State University
		Florida State University	A Study of Utilization of Permanent Instructional Space in the Florida State University, Fall Semester, 1958
		Florida State University	Class Size Analysis, Florida State University, Fall, 1958-59
		University of Florida	Class Size Analysis (R. B. Mautz)
		University of Florida	Space Utilization Analysis (R. B. Mautz)
	Hawaii	University of Hawaii	Space Utilization
	Idaho	University of Idaho	Classroom and Facilities Utilization (J. Green)
	Illinois	University of Illinois	Study of Class Size (E. F. Potthoff)
	Indiana	Purdue University	Mathematical Programming of Schedule (S. Reiter)
		Purdue University	Space Utilization (J. Blakesley)

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
PHYSICAL PLANT AND FACILITIES (Continued)	Iowa	Iowa State University	Report on Room Utilization (A. M. Gowan)
	Kansas	Kansas State University	Class Size Studies (A. L. Pugsley)
		Kansas State University	Physical Plant Planning
		Kansas State University	Planning for Academic Buildings (A. D. Weber)
		Kansas State University	Space Utilization (R. F. Gingrich)
		Kansas State University	Utilities Planning (R. F. Gingrich)
	Kentucky	University of Kentucky	Planning Studies for the Medical Center
	Maine	University of Maine	Faculty Housing Committee Final Report to the Faculty Council
	Maryland	University of Maryland	Educational Facility Needs: the Next Ten Years (A. O. Kuhn)
	Massachusetts	University of Massachusetts	Space Utilization Studies
	Michigan	Michigan State University	Classroom Utilization, Fall, 1957 (H. Dahnke)
		Michigan State University	Inventory of Present Facilities and Future Building Needs at Michigan State University (H. Dahnke)
		University of Michigan	The Weighted Average Class Size: Fall Semester, 1958-59

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
PHYSICAL PLANT AND FACILITIES (Continued)	Minnesota	University of Minnesota	Classroom Utilization Study (V. L. Ausen)
		University of Minnesota	Room Use Study (V. L. Ausen)
		University of Minnesota	Ten-Year Building Program (W. T. Middlebrook)
	Mississippi	Alcorn A and M College	Physical Plant and Equipment (N. C. Buford)
		University of Mississippi	Space Utilization Survey (J. B. Morris)
	Montana	Montana State University	Space Needs
		Montana State University	University Facilities
	New Jersey	Rutgers, The State University	Academic Facility Requirements (Robert Heller and Associates, Inc.)
		Rutgers, The State University	Campus Planning (Harland Bartholomew and Associates)
	New Mexico	New Mexico State University	Space Utilization (B. B. Young)
		University of New Mexico	A Preliminary Analysis of Projected Growth and Non-Residential Building Needs of the University of New Mexico
	New York	Cornell University	Campus Traffic Study (Wilbur Smith Associates)
		Cornell University	Space Utilization (J. Burton)

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
PHYSICAL PLANT AND FACILITIES (Continued)		State University of New York	Space Utilization Study
	North Carolina	North Carolina State College	A Long-Range Plan for Campus Development of North Carolina State College (Maps, models, charts, etc.) (E. W. Waugh)
	Ohio	Ohio State University	Development of Master Plan for Space Utilization (J. Herrick)
	Oklahoma	University of Oklahoma	Campus Planning and Development (R. Kuhlman)
	Oregon	Oregon State College	Space Utilization Study (C. V. Langton)
		University of Oregon	Classroom Utilization, Fall, 1957-58
		University of Oregon	Projection of the University's Classroom Needs
	Pennsylvania	Pennsylvania State University	Inventory of Existing Facilities (W. Christoffers)
		Pennsylvania State University	Planning for Academic Buildings (W. Christoffers)
		Pennsylvania State University	Study of Class Sizes (W. F. Christoffers)
		Pennsylvania State University	Summary, Abstracts and Bibliography of Studies of Class Size
		Pennsylvania State University	Utilization of Classrooms and Teaching Laboratories (W. F. Christoffers)

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
PHYSICAL PLANT AND FACILITIES (Continued)	Puerto Rico	University of Puerto Rico	Space Utilization (M. M. Dubner)
	South Carolina	Clemson Agricultural College	Space Utilization (H. E. Glenn)
		South Carolina State College	Adequacy of Physical Facilities at South Carolina State College, 1957 (R. L. Hurst)
	South Dakota	State University of South Dakota	Instructional Space Utilization Survey (K. R[illegible]schke)
		State University of South Dakota	Study of Student Housing During the Year 1958 (F. E. Muhmel)
	Texas	A and M College of Texas	Space Utilization and Space Needs (W. Freeman)
		Prairie View A and M College	A Study Incident to Projecting a Building Program for Prairie View Agricultural and Mechanical College (E. M. Norris)
	Utah	University of Utah	Space Utilization (W. D. Day)
		Utah State University	Class-Size Study
		Utah State University	Space Utilization
		Utah State University	Student Housing
	Vermont	University of Vermont	Space Utilization (L. S. Rowell)

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
PHYSICAL PLANT AND FACILITIES (Continued)		University of Vermont	Student Housing (E. Clifford)
	Virginia	Virginia Polytechnic Institute	Space Utilization Study
	Washington	State College of Washington	Small Classes (S. T. Stephenson)
		University of Washington	Space Utilization (H. Jacobsen)
	West Virginia	West Virginia University	Faculty Housing (L. Keener)
		West Virginia University	New Construction of Academic Buildings (C. Lazzell)
		West Virginia University	Space Utilization (J. E. Long)
		West Virginia University	Student Housing (J. C. Gluck)
	Wisconsin	University of Wisconsin	Survey of Physical Facilities at Wisconsin State Colleges and University of Wisconsin, Fall, 1956
PUBLIC SERVICES AND CONTINUING EDUCATION	Colorado	University of Colorado	Study of Problems and Policies Regarding Extension Activities: Instructional Programs
		University of Colorado	Study of University Extension
	Delaware	University of Delaware	Study of Home Demonstration Work in Delaware (E. J. Reinbold)

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
PUBLIC SERVICES AND CONTINUING EDUCATION (Continued)	Illinois	University of Illinois	Statewide Extension Program
	Kansas	Kansas State University	Continuing Education Center (C. P. Wilson)
	Minnesota	University of Minnesota	The Liberal Arts in Extension: Programs for Adult Women (E. Cless)
	New Hampshire	University of New Hampshire	Study of Curricular Offerings in University Extension (E. D. Eddy, Jr. et al)
	New Mexico	New Mexico State University	Big Plan Report on College-Community Relations
	Oklahoma	University of Oklahoma	Continuing Education (T. White)
	Pennsylvania	Pennsylvania State University	A Report on the Future Development of the Pennsylvania State University Centers and Campuses and Its General Extension Services (R. Wilkinson et al)
	Vermont	University of Vermont	Summer Session and Adult Education Potential (R. Phillips)
	Wisconsin	University of Wisconsin	Background Study of Adult Education and Public Services
		University of Wisconsin	Vocational and Adult Education in Wisconsin and Its Relation to All Phases of Education Beyond the High School
	Wyoming	University of Wyoming	A Study of Adult Education and Community Services in the State of Wyoming

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
RESEARCH CONTRIBUTIONS	California	UCLA	Survey of 1957-58 Research and Projected Needs
	Kentucky	University of Kentucky	The Research Program
	Michigan	Wayne State University	The Cutting Edge of Learning: A Report to the Faculties on Research and Creative Thought at Wayne State University (L. A. Cook)
	Minnesota	University of Minnesota	Summary of Research (C. B. Grygar)
	New Mexico	University of New Mexico	Patent Policy
	South Carolina	Clemson Agricultural College	Faculty Opinion About Research
	Wisconsin	University of Wisconsin	The Development of Research at the University of Wisconsin
	Wyoming	University of Wyoming	The Possibility of Obtaining Funds from without the University to Aid Faculty Members to Prosecute Research (R. H. Bruce)
STATEWIDE AND/OR REGIONAL COORDINATION AND PLANNING	Alabama	University of Alabama	Characteristics of a Desirable Program of Higher Education in Alabama (J. R. McLure)
	California (Statewide)	University of California	A Study of the Need for Additional Centers of Higher Education in San Mateo, Monterey, San Benito and Santa Cruz Counties

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
STATEWIDE AND/OR REGIONAL COORDINATION AND PLANNING (Continued)		University of California (Statewide)	A Study of the Need for Additional State Colleges in Los Angeles County
		University of California (Statewide)	A Study of the Need for State Colleges in the North Bay Area
	Illinois	University of Illinois	Projection of Enrollments in All Higher Institutions of Illinois, 1959 to 1969 (E. Potthoff)
		University of Illinois	Trends in Medical Services and Training Facilities in Illinois (E. F. Potthoff)
	Kansas	Kansas State University	Kansas Study of Higher Education (A. Pugsley et al)
	Minnesota	University of Minnesota	Report on the Possibility of Scheduling Some University Classes in Metropolitan Twin City High Schools (R. E. Summers)
		University of Minnesota	The Junior College in Minnesota (R. Keller et al)
	New York	State University of New York	Indices of Community College Need and Support (T. H. Shea)
	Rhode Island	University of Rhode Island	Analysis of AACRAO "Home State and Migration of American College Students--Fall, 1958" (E. F. Hallenbeck)
		University of Rhode Island	The Need for Community Colleges in Rhode Island (E. F. Hallenbeck)

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
STATEWIDE AND/OR REGIONAL COORDINATION AND PLANNING (Continued)	Wisconsin	University of Wisconsin	Economic and Educational Relationships Between Wisconsin and the United States
		University of Wisconsin	Projections of Economic Activity for Selected Regions of State of Wisconsin, 1957-1970
		University of Wisconsin	The Junior College
STUDENT PERSONNEL SERVICES	Alabama	University of Alabama	Expansion of Services of the Infirmary
		University of Alabama	Report on Placement
		University of Alabama	Report on Scholarships, Assistantships and Fellowships
		University of Alabama	Report on Some Aspects of Student Personnel Services
	California	University of California (Berkeley)	Graduate Student Government Survey (C. Glock and A. Williams)
	Colorado	University of Colorado	Academic Persistence and Achievement of Joint-Honor Scholarship Students at All State Institutions
		University of Colorado	Comparison of Methods of Operation in Student Employment Offices at Big Eight Conference of Collegiate Institutions

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
STUDENT PERSONNEL SERVICES (Continued)		University of Colorado	Financial Aids at the University of Colorado
		University of Colorado	Need for Assistant Dietician in Each Major Residence Hall Kitchen
		University of Colorado	Philosophy, Functions and Evaluation of Summer Orientation Program at the University of Colorado
		University of Colorado	Students Who Are on Scholarship Probation and on Scholarship Suspension
		University of Colorado	Study and Evaluation of the Role of the Counselor in the Women's Residence Halls
		University of Colorado	Study of Student Loan Policies and Changes
		University of Colorado	Study of Students' Earnings Resulting from Service Offered by the Student Employment Office
		University of Colorado	Study on Disciplinary System at the University of Colorado
	Delaware	University of Delaware	Student Personnel Research (W. A. Pemberton)
		University of Delaware	Study of Food Preferences (D. G. Bickert)
	Florida	Florida A and M University	A Survey of Faculty Reaction to Student Personnel Services (E. Calhoun)

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
STUDENT PERSONNEL SERVICES (Continued)		Florida A and M University	A Survey of Staff Members of the Division of Student Welfare and Their Reactions to Student Personnel Services (W. H. Shirley)
		Florida A and M University	Better Study Habits; Need to be Emphasized (B. L. Perry, Jr.)
		Florida A and M University	Interest Patterns of Passing and Failing Freshmen (A. A. Abraham)
		Florida A and M University	Inventory of Student Reaction to Student Personnel Services (B. L. Perry and M. W. Miles)
		University of Florida	Directory of Foreign Students--1959 (R. Beaty)
		University of Florida	Student Aid Report (R. C. Beaty)
		University of Florida	Women Students and Women Student Transfers (R. C. Beaty)
	Illinois	University of Illinois	Study of Student Loan Funds (C. W. Sanford)
	Iowa	Iowa State University	Comparison of Scholarship Awards Made 1953 and 1957 (A. M. Gowan)
	Kansas	Kansas State University	Housing Survey of Off-Campus Student Housing for Single Students (A. T. Edwards)
		Kansas State University	Improved Freshman Advisement (C. P. Wilson)

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
STUDENT PERSONNEL SERVICES (Continued)		Kansas State University	Student Housing at Kansas State College (A. Edwards)
		Kansas State University	The Effect of Extra Curricular Activities on Grade Point Average (R. Jackson)
		Kansas State University	Use of Multiple Variables in the Prediction of Academic Success (D. P. Hoyt)
	Kentucky	Kentucky State College	A Study of Student Scholarship-Workships and Loans at Kentucky State College (G. D. Wilson)
		Kentucky State College	Some Regulations Governing the Hours of Week-End Dances and the Initiation Practices of Greek-Letter Organizations at a Select Group of Southern Colleges and Universities (H. Smith)
	Massachusetts	University of Massachusetts	Guidance and Counseling
	Minnesota	University of Minnesota	Survey of Opinion About Coffman Memorial Union (G. L. Starr)
	Mississippi	Alcorn A and M College	Student Personnel Work and Extra-Curricular Activities (D. D. Gray)
	Missouri	Lincoln University	Counseling and Guidance Services (C. M. Hoard)
	New Mexico	New Mexico State University	Big Plan Report on Student Personnel and Guidance
	New York	State University of New York	Placement of Graduates: State University Teachers Colleges, 1958

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
STUDENT PERSONNEL SERVICES (Continued)		State University of New York	Teacher Placement (T. H. Shea)
	North Dakota	North Dakota Agricultural College	More Effective Student Counseling (S. D. Owen)
	Ohio	Ohio University	Research Studies in Human Relations: Personnel Management (B.Black)
	Oklahoma	Oklahoma State University	Test Score Characteristics of Selected Groups of Graduating Seniors (W. W. Rambo)
	Pennsylvania	Pennsylvania State University	An Analysis of Student Reaction to the Faculty Talks Offered During Orientation Week in the Fall of 1957 (H. W. Perkins)
		Pennsylvania State University	An Evaluation of the Effectiveness of Residence Hall Counselors (W. B. Craft)
		Pennsylvania State University	A New Profile for Interpreting Academic Abilities (M. L. Zeigler et al)
		Pennsylvania State University	Disciplinary Action at the Pennsylvania State University (R. G. Bernreuter)
		Pennsylvania State University	Fellowship Study (W. F. Christoffers)
		Pennsylvania State University	The Effectiveness of the Division of Counseling Orientation Lectures to Parents of Entering Freshmen (M. L. Zeigler)

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
STUDENT PERSONNEL SERVICES (Continued)		Pennsylvania State University	Two Reports on Student Social and Recreational Activities (M. L. Zeigler)
	South Carolina	Clemson Agricultural College	Clemson Students: Their Work and Earnings
	South Dakota	South Dakota State College	An Actuarial Study of Scores Received by High School Seniors on the Cooperative School and College Ability Test and These Students' Grades Received During the First Year of Attendance in South Dakota Colleges (G. M. Fort)
		South Dakota State College	Assisting College Students (R. Y. Chapman)
		South Dakota State College	Comparative Study of Summer Orientation Freshmen (R. Y. Chapman and B. Sinclair)
		State University of South Dakota	Reasons for Withdrawal of Student from College of Arts and Sciences During One Semester (R. Knapp)
	Wyoming	University of Wyoming	Study of the Undergraduate Scholarship Program at the University of Wyoming (H. Benn et al)
STUDENTS	Alabama	Alabama Polytechnic Institute	Students' Use of English
		University of Alabama	Final Report of Committee on Education for Women
		University of Alabama	Report on Recruitment and Selection of Graduate Students

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
STUDENTS (Continued)		University of Alabama	Report of Subcommittee on Student Personnel Records, Research, and Evaluation
	Arizona	University of Arizona	Drop-out and Transfer
		University of Arizona	A Comparison of Plan A and Plan B Entrants to the University of Arizona (C. B. Merritt)
	Arkansas	University of Arkansas	Comparison of Transferred versus University of Arkansas Grade Averages (S. Grout)
		University of Arkansas	Student Transfers Among Colleges of the University of Arkansas
	California	University of California (Statewide)	Length of Time Required to Gain the Ph. D. Degree
		University of California (Statewide)	New Graduate Students Enrolling in Graduate Divisions
		University of California (Berkeley)	A Statistical Study of the June 1957 Graduating Class, University of California at Berkeley (S. Suslow)
		University of California (Berkeley)	A Study of the Selection of Major Fields of Interest by the Students Who Come from Different Geographic Localities to the University of California at Berkeley (S. Suslow)

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
STUDENTS (Continued)		University of California (Berkeley)	Intensive Studies of College Going and Academic Survival in Selected States (Center for the Study of Higher Education)
		University of California (Berkeley)	Studies of Student Characteristics in Undergraduate Colleges and Professional Schools (Center for the Study of Higher Education)
		University of California (Berkeley)	Withdrawals and Dismissals, 1957-58 (S. Suslow)
	Colorado	Colorado State University	Report on Implementation of Scholastic Standard Policies
		University of Colorado	Academic Achievement of Freshmen Admitted with Marginal Qualifications (1958)
		University of Colorado	Academic Persistence of University of Colorado Students According to Sex, Residency and Admission Type
		University of Colorado	Analysis of Academic Backgrounds and Performance of Students Enrolled in the Denver Extension Center, University of Colorado
		University of Colorado	Aptitude and Interest Differentials of Students Majoring in the Various Curricula of the University of Colorado
		University of Colorado	Description of Freshman Class

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
STUDENTS (Continued)		University of Colorado	Evaluation of Program for Inviting Prospective Colorado Women to Campus
		University of Colorado	Factors Influencing Students to Enroll at the University of Colorado
		University of Colorado	Geographical Listing of Enrolled Students with Cumulative G. P. A., Year of High School, Graduation, Etc.
		University of Colorado	Social Adjustment of Transfer Students According to Type of Previous Institutions Attended
		University of Colorado	Students Who Withdraw During or Who Drop Out Between Semesters
		University of Colorado	Students with Scholastic Deficiencies in Arts and Sciences and Engineering
		University of Colorado	Ten-Year Student-Teacher Ratio Study
		University of Colorado	The Use of the Transfer Personal Data Sheet as a Predictor of Academic and Social Problem Students
	Delaware	University of Delaware	Undergraduate Student Survey (J. E. Hocutt)
	Florida	Florida A and M University	They Came to College (A. A. Abraham)

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
STUDENTS (Continued)		Florida State University	A Study of Academic Achievement Among Non-Florida Students Who Entered the Florida State University as First-Time Freshmen during the Fall Semester 1957-58
		Florida State University	A Study of Florida Junior College Transfer Students in the Florida State University, Fall Semester, 1958-1959
	Georgia	Fort Valley State College	A Study of Variability of Freshmen in Academic Areas (W. W. Blonchet)
	Hawaii	University of Hawaii	Analysis of Student Registration
		University of Hawaii	Student Leadership at the University of Hawaii (O. J. Bartos)
	Illinois	University of Illinois	A Study of Student Economics (C. W. Sanford)
		University of Illinois	Student Academic Progress and Mortality in the University of Illinois (G. J. Froehlich)
	Indiana	Purdue University	Economic Status of Purdue Students
	Iowa	Iowa State University	Study of Transfer Students (A. N. Gowan)
		State University of Iowa	A Study of 459 Students Who Have Withdrawn from the Freshman Class Which Entered the University in September, 1953 (T. McCarrel)
		State University of Iowa	A Study of Student Persistence at the State University of Iowa (T. McCarrel)

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
STUDENTS (Continued)		State University of Iowa	A Study of the Financial Resources of Students (C. M. Baumback)
		State University of Iowa	A Study of the Relationship Between the Educational Backgrounds of Students and Their Performance in Comprehensive Examinations Designed to Measure Outcomes of General Education (R. L. Ebel and D. B. Stuit)
	Kansas	Kansas State University	A Follow-up Study of Students Who Change Curricula at Kansas State University (D. G. Danskin)
		Kansas State University	A Follow-up Study of Students Who Drop from Kansas State University (D. P. Hoyt)
		Kansas State University	Differential Characteristics of Persist, Change and Drop Students in Various Kansas State University Curricula (D. P. Hoyt)
		Kansas State University	Differential Characteristics of Persist, Drop and Change Students in the School of Engineering at Kansas State University (D. P. Hoyt)
		Kansas State University	Junior College Performance and Its Relationship to Success at Kansas State University (D. Hoyt)
		Kansas State University	Summary of a Study on the Academic Progress of Athletes at Kansas State University (D. Hoyt)

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
STUDENTS (Continued)		University of Kansas	A Study of Exceptional Students Who Entered the University of Kansas in the Fall of 1954 (D. M. Yocum and K. E. Anderson)
		University of Kansas	A Study of Persistence in College Attendance in Relation to Placement-Test Scores and Grade-Point Averages (M. O. Stucky and K. Anderson)
		University of Kansas	Let's Look at the Record! The High School Preparation of 1124 University of Kansas Freshmen (G. B. Smith)
	Kentucky	Kentucky State College	Student Mortality at Kentucky State College (A. J. Richards)
		University of Kentucky	The Gifted Student and a Program in His Interests
	Louisiana	Louisiana State University	Age Distribution of Students on the Baton Rouge Campus, First Semester, 1958-59 (A. Clary)
		Louisiana State University	Louisiana High School Graduates and College Preparation of High School Graduates (A. Clary)
		Louisiana State University	Reasons Given by Undergraduate Students for Resignation from the University (A. J. Clary)
		Louisiana State University	Students on the Baton Rouge Campus Who Are Married, First Semester, 1958-59 (A. J. Clary)

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
STUDENTS (Continued)		Southern University	A Study of Freshman Withdrawals During the Academic Year 1958-1959 (E. E. Johnson)
		Southern University	Some Adjustment Problems of College Freshmen (E. E. Johnson)
	Maryland	University of Maryland	Achievement of Freshmen in Mathematics (J. Gustad)
		University of Maryland	A Comparative Study of Intellectual and Personality Characteristics in Relation to College Success (M. Maxwell)
		University of Maryland	A Comparison of the Maryland Algebra Test and the Cooperative Elementary Algebra Test as Placement Instruments (T. M. Magoon et al)
		University of Maryland	A Study of Non-intellective Characteristics of Reading and Study Skills Laboratory Groups (T. M. Magoon)
		University of Maryland	Attitudes and Perceptions of Male Dormitory Residents Toward Supervision, Counseling, Advising and Physical Facilities (B. J. Borreson)
		University of Maryland	Backgrounds of First-Semester Freshmen Who Had Academic Difficulties at the End of the First Semester, 1957-58 (D. J. King)
		University of Maryland	Comparison of Withdrawals for the Fall of 1957 and the Fall of 1958 (G. Eppley)

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
STUDENTS (Continued)		University of Maryland	Ecological Study of the Student Population (in terms of achievement and ability levels) (T. M. Magoon)
		University of Maryland	Longitudinal Development of Norm Groups on the Maryland Placement Battery (B. Berenson et al)
		University of Maryland	Report on Academic Probation Plan (P. Welsh)
		University of Maryland	Student Failure in English I During the Second Semester of the 1957-58 School Year (P. Welsh)
	Michigan	Michigan State University	A Comparison of Responses Made to Selected Pieces of Literature by High Scorers and Low Scorers on the Inventory of Beliefs (P. L. Dressel)
		Michigan State University	Critical Thinking, Attitudes, and Values in Higher Education (P. L. Dressel)
		Michigan State University	Follow Through of Entering Class of 1953 (W. G. Warrington)
		Michigan State University	Student Opinionnaire--Spring 1959 (W. Warrington)
	Minnesota	University of Minnesota	A Study of Transfers from the Duluth Branch, 1950-56, into Certain Professional and Technical Schools (E. N. Ringo)
		University of Minnesota	A Supplementary Study of College Attendance of Minnesota High School Seniors by Region of Residence (R. J. Keller)

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
STUDENTS (Continued)		University of Minnesota	A Thirty-Year Comparative Study of Minnesota High School Seniors and College Freshmen Utilizing Data from the Minnesota State-Wide Testing Program (R. F. Berdie)
		University of Minnesota	Characteristics of Entering Students
		University of Minnesota	Evaluation of Students' Educational Progress in the Lower Division of the College of Science, Literature, and the Arts (R. F. Berdie)
		University of Minnesota	The Biennial Survey of Scholastic Aptitude of Minnesota College Freshmen (R. F. Berdie and E. O. Swanson)
		University of Minnesota	The Summer Student Survey (J. E. Stecklein)
		University of Minnesota	Two-Year Achievement of 1956-57 Minnesota Junior College Transfers at the University of Minnesota (J. E. Stecklein)
	Mississippi	Alcorn A and M College	Intercollegiate Athletics (A. C. Carpenter)
		Alcorn A and M College	The Nature and Background of the Alcorn Student (Economic and Sociological Background of the Students and Their Parents) (E. Davidson)
	Missouri	Lincoln University	The Student (Source, Socio-Economic Status, Pre-college Educational Experiences and Attitudes) (C. C. Daniel)

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY)
STUDENTS (Continued)	Montana	Montana State College	An Investigation by Academic Division of the Potential for Academic Success of Montana State College Freshmen (A. W. Miller, Jr.)
		Montana State College	An Investigation of Relationships Between Freshmen Chemistry 101 Grades and Placement Test Scores (A. W. Miller, Jr.)
	New Hampshire	University of New Hampshire	Study of Character Development in Higher Education (E. D. Eddy, Jr.)
	New Mexico	New Mexico State University	Big Plan Report on Cultural Life on the Campus
		New Mexico State University	Big Plan Report on Social Conditions for Students and Faculty
		New Mexico State University	Big Plan Report on Spiritual Life
		University of New Mexico	The Gifted Student
		University of New Mexico	Study of Results of Area Tests of Graduate Record Examinations
	New York	Cornell University	Student Government and Activities (J. Summerskill)
		State University of New York	Socio-Economic Characteristics of Students (T. H. Shea)
	Ohio	Miami University	A Quasi-Projective, Machine-Scored Measure of Student Drive for Achievement and Acceptance (L. Siegel)

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
STUDENTS (Continued)		Miami University	Student Attitudes Toward Cheating on Examinations (L. Rosen and L. Siegel)
		Miami University	Underachievement by Capable Undergraduates (L. Siegel)
	Oklahoma	Langston University	Factors Influencing High School Graduates in the Selection of Colleges and Universities in Oklahoma (H. J. Battle)
		University of Oklahoma	The Freshman Class of 1952 (G. C. Couch)
	Oregon	University of Oregon	Sources of Students
		University of Oregon	Why Freshman Students Chose the University of Oregon
	Pennsylvania	Pennsylvania State University	A Comparison of Academic Achievement, Aptitudes, and Interest Patterns of Two-Year Technical Students and Four-Year Degree Candidates in Engineering (M. L. Zeigler)
		Pennsylvania State University	A Descriptive Study of 1957 Freshmen Who Incorrectly Completed Certain Post-Admission Forms (M. L. Zeigler)
		Pennsylvania State University	A Descriptive Study of Those Students Remaining in, and Those Withdrawing from Mineral Industries; Compared as to Aptitudes, Academic Achievement, and Interests (M. L. Zeigler)

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
STUDENTS (Continued)		Pennsylvania State University	The Characteristics of Admitted 1957 Freshmen Who Cancelled Enrollment (M. L. Zeigler)
	Puerto Rico	University of Puerto Rico	Some Social Consequences of University Education in Puerto Rico (L. A. Sussmann)
	South Carolina	Clemson Agricultural College	Study of Unit Preparation of 733 High School Graduates Not Previously Enrolled in College Who Were Accepted as of July 29, 1958 for Entrance to Clemson in September, 1958
		South Carolina State College	Socio-Economic Status of Student Population (1955-1958)
	South Dakota	South Dakota State College	Drop Outs at South Dakota State College (R. Chapman)
		South Dakota State College	The English Placement Test and Freshman Grades (J. M. Harrison)
	Utah	Utah State University	Survey of Transfers and Drop-outs (J. Cameron)
		University of Utah	Analysis of Student Credit Hours Produced (L. H. Campbell)
		University of Utah	High School Graduation and College Success
		University of Utah	Identifying the Potential Medical Student

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
STUDENTS (Continued)		University of Utah	Intellectual and Personality Characteristics of University of Utah Students
		University of Utah	Mathematics Preparation of Students at the University of Utah
		University of Utah	Scholastic Achievement of Entering Freshmen at the University of Utah
		University of Utah	Sex Differences in Academic Ability Among College Freshmen
		University of Utah	University of Utah Studies in the Prediction of Academic Success
		University of Utah	Why Do Some Competent Students Leave the University of Utah?
	Virginia	Virginia State College	A Study of Students Enrolled in Remedial Courses
		Virginia State College	A Study of the Over-all Loads of Freshman Students
	Washington	University of Washington	Analysis of Student Enrollment by Counties (H. Jacobsen)
	West Virginia	West Virginia University	Marital Status of Students in Health Sciences (K. E. Penrod)
		West Virginia University	Withdrawals (J. E. Long)

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
STUDENTS (Continued)	Wisconsin	University of Wisconsin	A State-Wide Inquiry into Decisions of Youth about Education beyond High School (J. Little)
		University of Wisconsin	College Migration to and from Wisconsin
		University of Wisconsin	Educational Factors Affecting Higher Education
		University of Wisconsin	From Where Do Wisconsin Students Come Who Attend the State Colleges and the Universities
		University of Wisconsin	Geographic Origins of Wisconsin College Students
		University of Wisconsin	Results of College Qualification Test (Wisconsin State Colleges and University), Fall, 1957
		University of Wisconsin	Retention of Students in the State Colleges and the University
		University of Wisconsin	Students Who Transferred to Wisconsin's Colleges (Fall, 1956)--State Supported
		University of Wisconsin	Trends in the Quality of University Students
		University of Wisconsin	Undergraduate Students Who Transferred to Wisconsin's Colleges (Fall, 1956 and Fall, 1957)
		University of Wisconsin	What Did Wisconsin's 1957 College Graduates Plan to Do Beyond College?
		University of Wisconsin	Who Goes to College?

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
STUDENTS (Continued)		University of Wisconsin	Wisconsin's Resources of Specialized Talent--Present and Future, 1958-1970
	Wyoming	University of Wyoming	A Second Look (A Follow-up of 747 Students Entering the University of Wyoming in the Fall of 1956) (O. R. Hendrix)
MISCELLANEOUS	Alabama	Alabama Polytechnic Institute	The Alabama Polytechnic Institute: Philosophy, Purposes, Functions (C. W. Edwards et al)
		University of Alabama	Aims and Objectives of the College of Arts and Sciences
		University of Alabama	Basic Aims and Obligations of the University
		University of Alabama	Public Relations Report
		University of Alabama	Study and Planning Program (M. Whitman)
	Colorado	University of Colorado	Public Relations Objectives
	Florida	Florida State University	A Survey of Policies and Practices Regarding Articulation of Public Secondary and Higher Education in the United States
	Georgia	Fort Valley State College	Institutional Self-Evaluation (W. S. M. Banks)
		University of Georgia	The University of Georgia Study (A. Brumbaugh)

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
MISCELLANEOUS (Continued)	Hawaii	University of Hawaii	University Study and Development Commission (Self-study, Faculty-Administration, plus Advisory) (W. Wilson et al)
	Idaho	University of Idaho	Needs and Responsibilities of the University of Idaho (C. W. Hungerford)
		University of Idaho	Planning for the Next Decade (D. Theophilus)
	Kansas	Kansas State University	Parental Influences on Students of Special Ability in the School of Home Economics (R. Hoeflin)
	Massachusetts	University of Massachusetts	Twelve-Month Academic Year
	Minnesota	University of Minnesota	Series of Studies Made for Legislative Commission on Higher Eoucation (R. J. Keller)
	Mississippi	Alcorn A and M College	Maintenance of Educational Ideal (A. Washington)
		Alcorn A and M College	Standing in the Educational World (J. Bolden)
		Alcorn A and M College	The Purpose of Alcorn A and M College (Philosophy) (A. D. Fobbs)
		University of Mississippi	University Self-Survey (F. Anderson et al)
	Montana	Montana State College	Montana Higher Education: A Look Into the Future
	Nebraska	University of Nebraska	Self-Survey (M. L. Baker)

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
MISCELLANEOUS (Continued)	New Mexico	New Mexico State University	An Institutional Self-Survey of New Mexico College of Agriculture and Mechanic Arts (E. R. Garrett et al)
		New Mexico State University	Big Plan Report on Long-Range Planning
	New York	Cornell University	Long-Range Planning (J. L. Zwingle)
	North Carolina	A and T College of North Carolina	A Self-Evaluation Study of the Agricultural and Technical College of North Carolina (L. C. Dowdy et al)
		North Carolina State College	A Long-Range Plan for North Carolina State College: the Report of the Steering Committee for the Long-Range Planning Study (C. A. Hickman et al)
	North Dakota	University of North Dakota	Conclusions and Recommendations of the Self-Study Committees
		University of North Dakota	Higher Education in North Dakota
	Oklahoma	Oklahoma State University	Measures and the Optimum Mix of the Principal Instructional Resources (C. E. Thompson)
		Oklahoma State University	Oklahoma State University, Its Past, Present, and Future (M. Scherich)
	Pennsylvania	Pennsylvania State University	Penn State's Future--The Job and a Way to Do It (C. S. Wyand et al)

APPENDIX D (Continued)

CATEGORY	STATE	INSTITUTION	TITLE OF STUDY
MISCELLANEOUS (Continued)		Pennsylvania State University	Report of Senate Committee on Calendar (F. M. Coombs et al)
	Puerto Rico	University of Puerto Rico	Classification and Salary Plan for Nonacademic University Personnel (R. H. Marquez)
	Rhode Island	University of Rhode Island	Laws of the State of Rhode Island Relating to Higher Education Passed by the General Assembly, January Session, 1959 (E. F. Hallenbeck)
	Texas	A and M College of Texas	Projection of Program Needs
	Utah	Utah State University	Self-Evaluation Report (J. Carlisle et al)
		Utah State University	Staff Evaluation Study (D. C. Carter)
	Vermont	University of Vermont	Self-Evaluation of the Institution
	Virginia	University of Virginia	Report of the University Long-Range Planning Committee
	Wyoming	University of Wyoming	Feasibility of the Trimester Calendar at the University of Wyoming (H. B. McFadden)
		University of Wyoming	Higher Education in Wyoming

APPENDIX E

REPRESENTATIVE INSTITUTIONAL RESEARCH STUDIES MADE BY GRADUATE STUDENTS IN LAND-GRANT INSTITUTIONS AND STATE UNIVERSITIES

(January, 1958--July, 1959)

CATEGORY	STATE	INSTITUTION	AUTHOR	TITLE OF STUDY	LEVEL OF STUDY
ADMINISTRATION AND ORGANIZATION OF THE INSTITUTION	Wisconsin	University of Wisconsin	H. F. Kroening	Nonacademic Employee Unionism at the University of Wisconsin	Doctoral
ADMISSIONS POLICIES	Michigan	Wayne State University	H. R. Powell	A Comparative Analysis of Two University Educational Programs for Non-Admissable Students Under Twenty Years of Age at Wayne State University	Doctoral
	Nevada	University of Nevada	D. M. Stauts	Admission Trends in Selected Land-Grant Institutions and an Analysis of the High School Credits Presented for Admission to the University of Nevada in the Fall of 1947 and 1957	Master's
	Pennsylvania	Pennsylvania State University	W. J. Beucler	A Determination of Certain Factors Related to Applications, Admission, Registration, and Retention at the Pennsylvania State University	Doctoral

APPENDIX E (Continued)

CATEGORY	STATE	INSTITUTION	AUTHOR	TITLE OF STUDY	LEVEL OF STUDY
ADMISSIONS POLICIES (Continued)	Texas	University of Texas	O. H. Williams	Criteria for Admission to the Graduate School of the University of Texas in Relation to the Aptitude Test of the Graduate Record Examination	Doctoral
	Utah	Utah State University	J. E. Baird	A Study of the Policy of Selected Public Tax-Supported Colleges and Universities on Acceptance of Transfer Religious Credit from Sectarian Institutions	Master's
CURRICULUM	Florida	University of Florida	N. L. Haven	The Humanities in College Programs of General Education: Organizational Approaches	Doctoral
		University of Florida	R. C. Kephart	An Analysis of the Industrial Engineering Curricula in Selected Southern Universities	Doctoral
	Michigan	Michigan State University	A. N. Moore	A Study of Educational Preparation for Food Service Administration in Home Economics and Hotel, Restaurant, and Institution Administration in Selected Universities	Doctoral

APPENDIX E (CONTINUED)

CATEGORY	STATE	INSTITUTION	AUTHOR	TITLE OF STUDY	LEVEL OF STUDY
CURRICULUM (Continued)	Minnesota	University of Minnesota	B. E. Youngquist	A Critical Study and Analysis of the University of Minnesota Schools of Agriculture	Doctoral
	Nevada	University of Nevada	L. Cobbley	How Can a Conventional Subject Centered Teacher Education Curriculum Be Changed to an Integrated Curriculum?	Master's
	Texas	University of Texas	R. G. Hester	An Evaluation of Requirements for Master's Degrees with Major Study in Physical Education in Texas Colleges and Universities	Doctoral
	Utah	Utah State University	D. P. Barton	Analysis of Factors Contributing to Decrease in Post-high School Programs in Agriculture Education in Utah	Master's
	Virginia	University of Virginia	O. A. Gianniny	An Analysis of General Education in the English Department of the University of Virginia School of Engineering	Master's
FACULTY	California	UCLA	W. E. Goff	A Study of Motives and Incentives That Determine the Choice of Engineers Between University Teaching and Employment in Industry	Not Indicated

APPENDIX E (Continued)

CATEGORY	STATE	INSTITUTION	AUTHOR	TITLE OF STUDY	LEVEL OF STUDY
FACULTY (Continued)	Ohio	Ohio State University	J. MacElhoney	The Attitude of Full Professors Toward Their Loads	Doctoral
INSTRUCTIONAL PROGRAM, METHODS, AND MATERIALS	Colorado	University of Colorado	J. Krueger	A Study of the Methods Used to Evaluate Public Health Nursing Students in the State of Colorado	Master's
	Connecticut	University of Connecticut	P. R. Harvey	An Analysis of Certain Factors Related to Marking Practices in Undergraduate Courses	Doctoral
	Florida	University of Florida	W. R. Pickens	The Goal of the Secondary-School Internship of the University in the Light of Variations of Perception of Activities	Doctoral
	Kentucky	University of Kentucky	R. R. Renz	A Study of Student-Centered Teaching and Its Application to the Development of Educational Leadership	Doctoral
	Michigan	Wayne State University	W. A. Benson	Measurable and Observable Factors in the Selective Retention of Doctoral Candidates with Special Implications for Industrial Education	Doctoral

APPENDIX E (Continued)

CATEGORY	STATE	INSTITUTION	AUTHOR	TITLE OF STUDY	LEVEL OF STUDY
INSTRUCTIONAL PROGRAM, METHODS, AND MATERIALS (Continued)		Wayne State University	D. N. Bowman	The Preparation of Inexpensive Audio-Visual Teaching Materials, a Course for Teachers at Wayne State University	Doctoral
		Wayne State University	M. J. Clute	An Examination and Appraisal of the Wayne State University Program for the Preparation of Core Teachers for Secondary Schools	Doctoral
	Nebraska	University of Nebraska	E. A. Reuwsaat	A Guide to Evaluation of Student Characteristics	Doctoral
		University of Nebraska	C. L. Shubert	The Role of Audio-Visual Media in the Public Relations of Colleges of Teacher Education	Doctoral
	Utah	Utah State University	C. L. Colston	A Study of the Professional Education Program for Elementary School Teachers at Utah State University	Master's
	Washington	University of Washington	W. J. Codd	A Survey of the Status of Honors Programs in American Colleges and Universities for 1954	Doctoral

APPENDIX E (Continued)

CATEGORY	STATE	INSTITUTION	AUTHOR	TITLE OF STUDY	LEVEL OF STUDY
INSTRUCTIONAL PROGRAM, METHODS, AND MATERIALS (Continued)		University of Washington	T. D. F. Langen	Differential Prediction of Naval Science and Aptitude Grades at the University of Washington from Batteries of Fourteen and of Three Variables	Master's
		University of Washington	M. S. Tschudin	A Study of the Relationship Between Nursing Students' Knowledge of Scientific Principles and Their Ability to Apply These Principles in Nursing Situations	Doctoral
PUBLIC SERVICES AND CONTINUING EDUCATION	Texas	University of Texas	J. B. Murphy	Some Aspects of Community Service Programs in Seventeen Colleges and Universities in the United States	Doctoral
STUDENT PERSONNEL SERVICES	Alabama	University of Alabama	L. D. Willman	Guidance Services in the State Departments of Education in the U. S., with a Proposed Guidance Division in the Alabama State Department of Education	Doctoral

APPENDIX E (Continued)

CATEGORY	STATE	INSTITUTION	AUTHOR	TITLE OF STUDY	LEVEL OF STUDY
STUDENT PERSONNEL SERVICES (Continued)	Connecticut	University of Connecticut	S. M. Cohen	The Administration of Residence Halls at Selected, Coeducation Public Universities with Particular Reference to the University of Connecticut	Doctoral
	Iowa	State University of Iowa	P. L. Griffith	Type of Residence as a Factor in Academic Achievement at the State University of Iowa	Doctoral
		State University of Iowa	G. Marx	A Comparison of the Effectiveness of the Methods of Counseling with Academic Underachievers	Not Indicated
	Kentucky	University of Kentucky	J. R. Chenault	An Analysis of Self-Perceptual Responses of College Non-Achievers to Indexes of Selected Personality Variables	Doctoral
	Montana	Montana State University	J. R. Crowley	An Evaluation of the American Council on Education Psychological Examination and the Cooperative English Test as Guidance Instruments at Montana State University	Master's

APPENDIX E (Continued)

CATEGORY	STATE	INSTITUTION	AUTHOR	TITLE OF STUDY	LEVEL OF STUDY
STUDENT PERSONNEL SERVICES (Continued)	North Carolina	University of North Carolina	N. Scott	A Study of the Functions of Personnel Deans in Institutions of Higher Learning in the State of North Carolina	Doctoral
	North Dakota	North Dakota Agricultural College	V. C. Bentson	A Study of the Student Attitudes Toward the Various Personnel Services of North Dakota Agricultural College	Master's
		North Dakota Agricultural College	R. A. Johnson	A Study of the Student Personnel Services of the North Dakota Agricultural College	Master's
	Pennsylvania	Pennsylvania State University	S. M. Long	The Coordination of Instructional, Administrative, and Student Personnel Services in Pennsylvania's State Teachers Colleges	Doctoral
		Pennsylvania State University	H. Sprigle	A Factor Analytic Study of Family Relationships in a Group of Academic Achievers and Underachievers	Doctoral
	Texas	University of Texas	W. C. Bonney	An Investigation of Factors Associated with Changes in Inventoried Interests During the First Semester of College	Doctoral

APPENDIX E (CONTINUED)

CATEGORY	STATE	INSTITUTION	AUTHOR	TITLE OF STUDY	LEVEL OF STUDY
STUDENT PERSONNEL SERVICES (Continued)		University of Texas	C. M. Flory	Sportsmanship Attitudes of College Students Toward Situations in Competitive Athletics	Doctoral
STUDENTS	Alabama	University of Alabama	Jerry O'Donnell	A Comparative Study of Rural and Urban Groups of College Freshmen	Doctoral
	Alaska	University of Alaska	H. P. Harrison	Study of Transfer Students	Master's
	California	UCLA	B. H. Atkinson	A Study of Attitudinal Differences Between UCLA Fraternity and Non-Fraternity Men	Not Indicated
		UCLA	James Nelson	An Attempt to Identify the Image of UCLA Held by Superior Students in the Senior Class of the High Schools of Southern California	Not Indicated
		UCLA	Chas. Richardson	Analysis of Health Attitudes and Practices of 4000 College Students	Not Indicated
	Colorado	University of Colorado	A. Nall	The Academic Success of Transfers to the Junior Level at the University of Colorado	Doctoral

APPENDIX E (Continued)

CATEGORY	STATE	INSTITUTION	AUTHOR	TITLE OF STUDY	LEVEL OF
STUDENTS (Continued)		University of Colorado	W. Rushing	Analysis of the Relationship Between Some Academic Background Factors and College Scholarship at the University of Colorado	Master's
	Florida	Florida State University	J. D. Barker	Florida High School Graduates Enrolled in Out-of-State Institutions of Higher Education	Doctoral
		Florida State University	M. B. Schmidt	A Study of Relationships Between Cooperative Mathematic Test Scores and Grades Earned in the Florida State University	Master's
		University of Florida	C. J. Bodarky	A Study of College Students' Anticipated Role Behavior in Marriage	Doctoral
		University of Florida	C. A. Hoffman	A Study in Predicting Academic Success	Doctoral
	Iowa	State University of Iowa	R. Roskens	Relationships Between Leadership Participation in College and After College	Not Indicated
	Kentucky	University of Kentucky	J. R. Chenault	An Analysis of Self-Perceptual Responses of College Non-Achievers to Indexes of Selected Personality Variables	Doctoral

APPENDIX E (CONTINUED)

CATEGORY	STATE	INSTITUTION	AUTHOR	TITLE OF STUDY	LEVEL OF STUDY
STUDENTS (Continued)	Montana	Montana State University	C. A. Buley	A Study of the Predictive Values of the Test Programs of Missoula County High School and Montana State University	Master's
		Montana State University	M. A. Ray	The Prediction of Academic Success of Missoula County High School Graduates at Montana State University: A "Cross-Validation" Study	Master's
	Nebraska	University of Nebraska	H. W. Adams	Certain Characteristics of the Freshmen Class Entering Lamar State College of Technology 1957-1958	Doctoral
		University of Nebraska	J. M. Ivanoff	The Use of Discriminant Analysis for Predicting Probationary Status	Doctoral
		University of Nebraska	L. P. Peterson	The Influence of Selected Cultural Factors on Heterosexual Attitudes of College Freshmen	Doctoral
	Nevada	University of Nevada	J. I. Elder	A Four Year Study of Unclassified Freshmen Students at the University of Nevada	Master's
	New Jersey	Rutgers, The State University	G. A. Kramer	High School Class Rank and Academic Performance of Freshmen in College	Doctoral

APPENDIX E (Continued)

CATEGORY	STATE	INSTITUTION	AUTHOR	TITLE OF STUDY	LEVEL OF STUDY
STUDENTS (Continued)	New York	Cornell University	B. A. Gordon	The Determination and Study of Academic Underachievement in the New York State College of Home Economics at Cornell University, with Implications for Counseling and Admissions	Doctoral
		Cornell University	R. D. Helsby	A Comparative Analysis of Three Structural Groups from All Industrial Arts Graduates of the State University Teachers College at Oswego, New York, from 1925-1955	Doctoral
	Pennsylvania	Pennsylvania State University	B. E. Vanfossen	Social Factors Associated with Student Attendance at a University Concert Series	Master's
	Utah	Utah State University	(Not Indicated)	A Study of the Holding Power of Utah State University with Respect to a Selected Group of Superior Entering Freshmen	Master's
	Washington	Washington State University	T. Akamine	A Study of High School Students' Records and Certain Test Scores as Predictors of Academic Achievement at the State College of Washington	Doctoral

APPENDIX F

REPRESENTATIVE RESEARCH STUDIES MADE BY (OR FOR) STATE-WIDE BOARDS OF HIGHER EDUCATION
(January, 1958--July, 1959)

CATEGORY	STATE	AGENCY	TITLE OF STUDY
CURRICULUM	Illinois	Illinois Commission on Higher Education	A Study to Consider a Request to Amend the Statute to Permit Southern Illinois University to Offer Courses in a Degree in Engineering
		Illinois Commission of Higher Education	A Study to Consider Legislation to Amend the Statute to Permit Northern Illinois University to Teach Such Branches of Learning as Are Related to Agriculture and the Mechanic Arts, Including Military Tactics
	North Dakota	State Board of Higher Education	Specific Study Programs and Curricula
ENROLLMENT	Florida	Board of Control of Florida	Restudy of (Florida) College Population, 1960-1975 (H. A. Curtis et al)
	Mississippi	Board of Trustees Institutions of Higher Learning	Fall College Entrance of the Mississippi High School Graduating Class of 1958 (W. W. Clark)
		Board of Trustees Institutions of Higher Learning	Graduates of Colleges in Mississippi, 1958 Calendar Year (W. W. Clark)

APPENDIX F (Continued)

CATEGORY	STATE	AGENCY	TITLE OF STUDY
ENROLLMENT (Continued)	Mississippi	Board of Trustees Institutions of Higher Learning	Mississippi State Institutions of Higher Learning Data on Senior Class Enrollments, Graduations, and Fall College Entrance of Negro High School Students, 1958, by County (W. W. Clark)
		Board of Trustees Institutions of Higher Learning	Mississippi State Institutions of Higher Learning Data on Senior Class Enrollments, Graduations, and Fall College Entrance of White High School Students, 1958, by County (W. W. Clark)
	Texas	Texas Commission on Higher Education	Degrees Awarded: Twelve Months Ending August, 1958
		Texas Commission on Higher Education	Head-Count Enrollment: Independent Senior Colleges and Universities in Texas, Fall Semesters, 1951-1958; and Eighteen Fully State-Supported Academic Institutions in Texas, Fall Semesters, 1945-1958
		Texas Commission on Higher Education	Total Semester Credit Hours, by Level
FACULTY	New Mexico	Board of Educational Finance	Class Size, Teaching Loads, and Instructional Salary Costs Data, 1957-1958 and Summer 1958
	North Dakota	State Board of Higher Education	Personnel Manual
	Texas	Texas Commission on Higher Education	Formula for Teaching Salaries Only: Ratios, Average Salaries, and Rates, by Program and Level

APPENDIX F (Continued)

CATEGORY	STATE	AGENCY	TITLE OF STUDY
FINANCE	Florida	Board of Control of Florida	Report of the Cost Study of the State University System of Florida (M. R. Blee)
		Board of Control of Florida	The Allocation of Operating Funds by a Board for Higher Education (A. J. Brumbaugh and M. R. Blee)
	Iowa	State Board of Regents	Tuition Charges in State-Supported Institutions of Higher Education (D. B. Stuit et al)
	Mississippi	Board of Trustees Institutions of Higher Learning	Statistical Summaries 1958-1959: Data on Finance (W. W. Clark)
	New Mexico	Board of Educational Finance	Class Size, Teaching Loads, and Instructional Salary Costs Data, 1957-58 and Summer 1958
		Board of Educational Finance	Analysis of Institutional Operating Budgets, 1959-60
		Board of Educational Finance	Analysis of Institutional Operating Budget Estimates, 1959-60 (D. C. Moyer)
	North Dakota	State Board of Higher Education	Self-Liquidating and Other Projects at North Dakota State-Supported Institutions of Higher Learning
	Texas	Texas Commission on Higher Education	Definitions of the Elements of Institutional Costs
		Texas Commission on Higher Education	Formulas Designated by Commission

APPENDIX F (Continued)

CATEGORY	STATE	AGENCY	TITLE OF STUDY
FINANCE (Continued)		Texas Commission on Higher Education	Recommendations on Requests for Legislative Appropriations of Institutions and Agencies of Higher Education
	Virginia	State Council of Higher Education	Fiscal Study (L. Morey)
INSTRUCTIONAL PROGRAM, METHODS, AND MATERIALS	Mississippi	Board of Trustees Institutions of Higher Learning	Statistical Summaries 1958-1959: Analyses of Instructional Operations at the Universities and Colleges
PHYSICAL PLANT AND FACILITIES	Mississippi	Board of Trustees Institutions of Higher Learning	Instructional Space Utilization at Mississippi State Universities and Colleges, Regular Session 1957-58 (W. W. Clark)
		Board of Trustees Institutions of Higher Learning	Student and Faculty Housing Data, the State Universities and Colleges, Fall Term, 1958 (W. W. Clark)
	New Mexico	Board of Educational Finance	Class Size, Teaching Loads, and Instructional Salary Costs Data, 1957-58 and Summer 1958
		Board of Educational Finance	Survey of Utilization of Instructional Space in Seven New Mexico State-Controlled College-Level Institutions, Fall 1957
	North Dakota	State Board of Higher Education	Facilities

APPENDIX F (Continued)

CATEGORY	STATE	AGENCY	TITLE OF STUDY
STATEWIDE AND/OR REGIONAL COORDINATION AND PLANNING	Texas	Texas Commission on Higher Education	Report to State Budget Offices and Legislature Regarding Certain Proposals to Create Additional Senior Institutions of Higher Education
	Virginia	State Council of Higher Education	Junior College Needs in Virginia (S. V. Martorana)
STUDENTS	Florida	Board of Control of Florida	Inventory of College Attendance Plans for Fall 1959 (M. R. Blee)
	Iowa	State Board of Regents	A Study of the Financial Resources of Students of Public Institutions of Higher Education in Iowa (C. M. Baumback)
		State Board of Regents	Automobile Survey Report (A. Barlow)
	Mississippi	Board of Trustees Institutions of Higher Learning	Percentage of Entering College Freshmen of Mississippi, September, 1958, Graduating from a Mississippi High School, by College and by Year of High School Graduation
	New Mexico	Board of Educational Finance	Comparison of Per Capita Income with Rate of College Attendance in New Mexico State-Supported Institutions of Higher Education, by Counties
		Board of Educational Finance	Geographical Distribution of Homes of Students Attending State Institutions of Higher Education in New Mexico in 1957

APPENDIX F (Continued)

CATEGORY	STATE	AGENCY	TITLE OF STUDY
MISCELLANEOUS	Florida	Board of Control of Florida	Biennial Report, 1956-1958
	Illinois	Illinois Commission of Higher Education	Annual Report, 1958
	North Carolina	Board of Higher Education	Biennial Report, 1957-59
	Oklahoma	Oklahoma State Regents for Higher Education	Ninth Biennial Report of the Oklahoma State Regents for Higher Education, Period Ending June 30, 1958
	Texas	Texas Commission on Higher Education	Report to the Honorable Price Daniel, Governor of Texas, and the Legislature of the State of Texas, 1958

APPENDIX G

INSTITUTIONS AND EDUCATIONAL AGENCIES VISITED DURING PROGRESS OF STUDY

Agricultural and Technical College of North Carolina
American Council on Education (Office of Statistical Information and Research)
Board of Control of Florida
Columbia University
Florida A and M University
Florida State University
Joint Office of Institutional Research (AALGCSU-SUA)
Louisiana State University
Michigan State University
New England Board of Higher Education
New Mexico Board of Educational Finance
New York University
Oklahoma State University
Southern Regional Education Board
Southern University
Stanford University
Texas Commission on Higher Education
U. S. Office of Education
University of Arkansas
University of Colorado
University of Florida
University of Illinois
University of Michigan
University of Minnesota
University of New Mexico
University of North Carolina (Woman's College)
University of Texas
University of Wisconsin

APPENDIX H

REPRESENTATIVES FROM FOLLOWING INSTITUTIONS AND EDUCATIONAL AGENCIES CONSULTED AT SUMMER INSTITUTE ON INSTITUTIONAL RESEARCH*

Arizona State University
Colorado State University
Montana State University
New England Board of Higher Education
New Mexico State University
Oregon State College
Southern Regional Education Board
Stanford University
Texas Commission on Higher Education
University of Alaska
University of Arizona
University of California (Statewide)
University of Delaware
University of Hawaii
University of Nevada
University of New Mexico
University of Mississippi
University of Oregon
University of Rhode Island
University of Utah
University of Vermont
University of Washington
University of Wisconsin
Utah State University
Virginia State Council on Higher Education
Western Interstate Commission for Higher Education

---

*This Institute was sponsored jointly by the Western Interstate Commission for Higher Education and Stanford University. It was held on the Stanford University Campus July 19-25, 1959.